Getac

Windows 11

Getac recommends Windows 11 Pro for business

ONE BRAND MULTIPLE CHOICES

Rugged Mobile Computing Solutions

V110

Operating System
Windows 11 Pro

Mobile Computing Platform
Intel® Core™ i5-1235U Processor
Max. 4.4GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

Platform options:
Intel® Core™ i5-1245U vPro® Processor
Max. 4.4GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache
Intel® Core™ i7-1255U Processor
Max. 4.7GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache
Intel® Core™ i7-1265U vPro® Processor
Max. 4.8GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

VGA Controller
Intel® Iris® Xe Graphics [i]

Display
11.6" Wide Viewing Angle TFT LCD FHD (1920 x 1080)
Protection film
1,000 nits LumiBond display with Getac sunlight readable technology
Capacitive multi-touch screen

Storage & Memory
8GB DDR4
Optional: 16GB / 32GB / 64GB DDR4
256GB PCIe NVMe SSD
Optional: 512GB / 1TB / 2TB PCIe NVMe SSD

Keyboard & Buttons
LED backlit membrane keyboard
Optional: Rubber keyboard
Power button
5 tablet programmable buttons

Pointing Device
Touchscreen
- Capacitive multi-touch screen
- Optional: Dual mode touchscreen (multi-touch and digitizer)
Touchpad
- Glide touchpad with left-click and right-click buttons

Expansion Slot
Smart card reader x 1 [ii]
Optional: SD Card + Smart card reader [ii]
Optional: 1D/2D imager barcode reader [ii]

I/O Interface
5M webcam x 1 [iii]
Audio in/out combo x 1
DC in Jack x 1
USB 3.2 Gen 2 Type-A x 2
Thunderbolt™ 4 Type-C x 1
LAN (RJ45) x 1
HDMI 2.0 x 1
Serial port (9-pin; D-sub) x 1
Docking connector x 1
Optional: SIM card slot x 1 (Mini-SIM, 2FF) [iv]
Optional: Windows Hello face-authentication FHD camera (front-facing) x 1 [iii]
Optional: RF antenna pass-through for GPS, WWAN and WLAN
Optional: 8M pixels auto focus rear camera x 1

Communication Interface
10/100/1000 base-T Ethernet
Intel® Wi-Fi 6E AX211, 802.11ax
Bluetooth (v5.3) [v]
Optional: Dedicated GPS [vii]
Optional: 4G LTE mobile broadband [vi, iv, xvi]
Optional: 5G Sub-6 [iv, vi, xvi]
Dual SIM (Mini-SIM 2FF and e-SIM) [vi]

Security Feature
TPM 2.0
Kensington lock
Optional: Intel® vPro® Technology
Optional: Fingerprint reader
Optional: HF RFID reader [vii]
Smart card reader
Optional: Windows Hello face-authentication FHD camera (front-facing) [iii]

Power
AC adapter (65W, 100-240VAC, 50/60Hz)
Li-ion battery (11.1V, typical 2100mAh; min. 2040mAh) x 2
LifeSupport battery swappable technology

Dimension (W x D x H) & Weight
313 x 238 x 39mm (12.32" x 9.37" x 1.53")
2.1kg (4.63lbs) [viii]

Rugged Feature
MIL-STD-810H certified
IP65 certified
MIL-STD-461G certified [ix]
Vibration & 4ft (1.2m) drop resistant [x]
Optional: ANSI / UL 121201, CSA C22.2 NO. 213 (Class I, Division 2, Groups A, B, C, D) [xi]
Optional: Salt fog certified

Environmental Specification
Temperature [xii]:
- Operating: -29°C to 63°C / -20°F to 145°F
- Storage: -51°C to 71°C / -60°F to 160°F
Humidity:
- 95% RH, non-condensing

B360

Operating System
Windows 11 Pro

Mobile Computing Platform
Intel® Core™ i5-1240P Processor
Max. 4.4GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

Platform options:
Intel® Core™ i5-1250P vPro® Processor
Max. 4.4GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache
Intel® Core™ i7-1260P Processor
Max. 4.7GHz with Intel® Turbo Boost Technology
- 18MB Intel® Smart Cache
Intel® Core™ i7-1270P vPro® Processor
Max. 4.8GHz with Intel® Turbo Boost Technology
- 18MB Intel® Smart Cache
Intel® Core™ i7-1280P vPro® Processor
Max. 4.8GHz with Intel® Turbo Boost Technology
- 24MB Intel® Smart Cache

VGA Controller
Intel® Iris® Xe Graphics [i]

Display
13.3" Wide Viewing Angle TFT LCD FHD (1920 x 1080)
Protection film
1,400 nits LumiBond display with Getac sunlight readable technology
Capacitive multi-touch screen

Storage & Memory
8GB DDR4
Optional: 16GB / 32GB / 64GB DDR4
256GB PCIe NVMe SSD
Optional: 512GB / 1TB / 2TB PCIe NVMe SSD
Optional 2nd storage [ii]:
256GB / 512GB / 1TB / 2TB PCIe NVMe SSD

Keyboard & Buttons
LED backlit membrane keyboard

Pointing Device
Touchscreen
- Capacitive multi-touch screen
Touchpad
- Touchpad with two buttons

Expansion Slot
Smart card reader x 1
Optional: SD card reader x 1
Optional: 1D/2D imager barcode reader

I/O Interface
5M webcam x 1 [iv]
Audio in/out combo x 1
DC in Jack x 1
PowerShare USB 3.2 x 1
USB 3.2 Gen 2 Type-A x 1
Thunderbolt™ 4 Type-C x 1
LAN (RJ45) x 1
HDMI 2.0 x 1
Docking connector x 1
Optional: SIM card slot x 1 (Mini-SIM, 2FF) [iii]
Optional: Windows Hello face-authentication FHD camera (front-facing) x 1 [iv]
Optional: RF antenna pass-through for GPS, WWAN and WLAN

Configurable I/O options [v]**:**
1. Serial port (9-pin; D-sub) x 1 + External VGA (15-pin; D-sub) x 1
2. Serial port (9-pin; D-sub) x 1 + Display port x 1
3. Serial port (9-pin; D-sub) x 1 + External VGA (15-pin; D-sub) x 1 + 2nd LAN (RJ45) x 1
4. Serial port (9-pin; D-sub) x 1 + Display port x 1 + 2nd LAN (RJ45) x 1

Communication Interface
10/100/1000 base-T Ethernet
Intel® Wi-Fi 6E AX211, 802.11ax
Bluetooth (v5.3) [vi]
Optional: Dedicated GPS with L1/L5 [vii]
Optional: 4G LTE mobile broadband with integrated GPS [iii, viii]
Optional: 5G Sub-6 with integrated L1/L5 GPS [vii, viii]

Security Feature
TPM 2.0
Kensington lock
Smart card reader
Optional: Fingerprint reader [ix]
Optional: HF RFID reader [ix, x]
Optional: Windows Hello face-authentication FHD camera (front-facing) [iv]
Getac Disk Wipe

Power
AC adapter (90W, 100-240VAC, 50/60Hz)
Li-ion battery (11.1V, typical 2100mAh; min.2040mAh) x 2
LifeSupport battery swappable technology

Dimension (W x D x H) & Weight
342 x 281 x 34.9mm (13.46" x 11.06" x 1.37")
2.32kg (5.11lbs) [xi]

Rugged Feature
MIL-STD-810H certified
IP66 certified
MIL-STD-461G certified [xii]
Vibration & 6ft (1.8m) drop resistant
Optional: ANSI/UL 121201, CSA C22.2 NO. 213 (Class I, Division 2, Groups A, B, C, D) [xiii]
Optional: Salt fog certified

Environmental Specification
Temperature [xiv]:
- Operating: -29°C to 63°C / -20°F to 145°F [xv]
- Storage: -51°C to 71°C / -60°F to 160°F
Humidity:
- 95% RH, non-condensing

B360 Pro

Operating System
Windows 11 Pro

Mobile Computing Platform
Intel® Core™ i5-1240P Processor
Max. 4.4GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

Platform options:
Intel® Core™ i5-1250P vPro® Processor
Max. 4.4GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache
Intel® Core™ i7-1260P Processor
Max. 4.7GHz with Intel® Turbo Boost Technology
- 18MB Intel® Smart Cache
Intel® Core™ i7-1270P vPro® Processor
Max. 4.8GHz with Intel® Turbo Boost Technology
- 18MB Intel® Smart Cache
Intel® Core™ i7-1280P vPro® Processor
Max. 4.8GHz with Intel® Turbo Boost Technology
- 24MB Intel® Smart Cache

VGA Controller
Intel® Iris® Xe Graphics [i]
Optional: NVIDIA® GeForce® GTX1650 4GB discrete graphics controller [ii, iii]

Display
13.3" Wide Viewing Angle TFT LCD FHD (1920 x 1080)
Protection film
1,400 nits LumiBond display with Getac sunlight readable technology
Capacitive multi-touch screen

Storage & Memory
8GB DDR4
Optional: 16GB / 32GB / 64GB DDR4
256GB PCIe NVMe SSD
Optional: 512GB / 1TB / 2TB PCIe NVMe SSD
Optional 2nd storage [iv]: 256GB / 512GB / 1TB / 2TB PCIe NVMe SSD
Optional multimedia bay storage : 1TB / 2TB SATA SSD

Keyboard & Buttons
LED backlit membrane keyboard

Pointing Device
Touchscreen
- Capacitive multi-touch screen
Touchpad
- Touchpad with two buttons

Expansion Slot
Smart card reader x 1
Optional: SD card reader x 1
Optional: Discrete graphics controller, or PCMCIA Type II, or ExpressCard/54 [iii]
Optional: 1D/2D imager barcode reader

Multimedia Bay
Configurable options [v,vi]:
1. Optional: DVD super multi drive, or Blu-Ray super multi drive, or 3rd storage
2. Optional: 3rd battery

I/O Interface
5M webcam x 1 [xxii]
Audio in/out combo x 1
DC in Jack x 1
PowerShare USB 3.2 x 1
USB 3.2 Gen 2 Type-A x 1
Thunderbolt™ 4 Type-C x 1 [vii]
LAN (RJ45) x 1
HDMI 2.0 x 1
Docking connector x 1
Optional: SIM card slot x 1 (Mini-SIM, 2FF) [viii]
Optional: Windows Hello face-authentication FHD camera (front-facing) x 1 [xxii]
Optional: RF antenna pass-through for GPS, WWAN and WLAN

Configurable I/O options [ix]**:**
1. Serial port (9-pin; D-sub) x 1 + External VGA (15-pin; D-sub) x 1
2. Serial port (9-pin; D-sub) x 1 + Display port x 1
3. Serial port (9-pin; D-sub) x 1 + External VGA (15-pin; D-sub) x 1 + 2nd LAN (RJ45) x 1
4. Serial port (9-pin; D-sub) x 1 + Display port x 1 + 2nd LAN (RJ45) x 1
5. Serial port (9-pin; D-sub) x 2 + External VGA (15-pin; D-sub) x 1
6. Serial port (9-pin; D-sub) x 2 + Display port x 1
7. Serial port (9-pin; D-sub) x 2 + External VGA (15-pin; D-sub) x 1 + 2nd LAN (RJ45) x 1
8. Serial port (9-pin; D-sub) x 2 + Display port x 1 + 2nd LAN (RJ45) x 1

Communication Interface
10/100/1000 base-T Ethernet
Intel® Wi-Fi 6E AX211, 802.11ax
Bluetooth (v5.3) [x]
Optional: Dedicated GPS with L1/L5 [xxiii]
Optional: 4G LTE mobile broadband with integrated GPS [viii, xxiv]
Optional: 5G Sub-6 with integrated L1/L5 GPS [xxiii, xxiv]

Security Feature
TPM 2.0
Kensington lock
Smart card reader
Optional: Fingerprint reader [xi]
Optional: HF RFID reader [xi, xii]
Optional: Windows Hello face-authentication FHD camera (front-facing) [xxii]
Getac Disk Wipe

Power
AC adapter (90W, 100-240VAC, 50/60Hz)
AC adapter (120W, 100-240VAC, 50/60Hz) [ii]
High capacity Li-ion battery (10.8V, typical 6900mAh; min. 6600mAh) x 2
Optional: Multimedia bay battery (11.1V, typical 4200mAh; min. 4080mAh) x 1
LifeSupport battery swappable technology

Dimension (W x D x H) & Weight
342 x 281 x 53.5mm (13.46" x 11.06" x 2.11")
3.08kg (6.79lbs) [xiii]

Rugged Feature
MIL-STD-810H certified
IP66 certified
MIL-STD-461G certified [xiv]
Vibration & 6ft (1.8m) drop resistant
Optional: ANSI/UL 121201, CSA C22.2 NO. 213 (Class I, Division 2, Groups A, B, C, D) [xv]
Optional: Salt fog certified

Environmental Specification
Temperature [xvi]:
- Operating: -29°C to 63°C / -20°F to 145°F [xvii]
- Storage: -51°C to 71°C / -60°F to 160°F
Humidity:
- 95% RH, non-condensing

S410

Operating System
Windows 11 Pro

Mobile Computing Platform
Intel® Core™ i5-1340P Processor
Max. 4.6GHz with Intel® Turbo Boost Technology
- 12 MB Intel® Smart Cache

Platform options:
Intel® Core™ i5-1350P vPro® Processor
Max. 4.7GHz with Intel® Turbo Boost Technology
- 12 MB Intel® Smart Cache
Intel® Core™ i7-1360P Processor
Max. 5.0GHz with Intel® Turbo Boost Technology
- 18 MB Intel® Smart Cache
Intel® Core™ i7-1370P vPro® Processor
Max. 5.2GHz with Intel® Turbo Boost Technology
- 24 MB Intel® Smart Cache

VGA Controller
Intel® Iris® Xe Graphics [i]
Intel® UHD Graphics
Optional: NVIDIA® GeForce® GTX 1650 4GB discrete graphics controller [ii, iii, iv]

Display
14" TFT LCD HD (1366 x 768)
Protection film
1,000 nits display with Getac sunlight readable technology
Optional: 14" TFT LCD HD (1366 x 768)
1,000 nits-display with Getac sunlight readable technology and capacitive multi-touch screen
Optional: 14" Wide Viewing Angle TFT LCD FHD (1920 x 1080)
1000 nits display with Getac sunlight readable technology
Optional: 14" Wide Viewing Angle TFT LCD FHD (1920 x 1080)
1,000 nits-display with Getac sunlight readable technology and capacitive multi-touch screen

Storage & Memory
8GB DDR5
Optional: 16GB / 32GB / 64GB DDR5
256GB PCIe NVMe SSD
Optional: 512GB / 1TB / 2TB PCIe NVMe SSD
Optional: Multimedia bay 2nd storage: 512GB / 1TB SATA SSD [iii]

Keyboard & Buttons
LED backlit membrane keyboard

Pointing Device
Touchscreen
- Optional: Capacitive multi-touch screen
Touchpad
- Glide touchpad with multi-touch

Expansion Slot
Optional: Smart card reader

Multimedia Bay
Weight saver
Optional: 1D/2D imager barcode reader [iii]
Optional: DVD super multi drive [iii, v]
Optional: Multimedia bay battery [iii, v]
Optional: Blu-Ray super multi drive [iii, v]
Optional: 2nd storage [iii, v]

I/O Interface
Audio in/out combo x 1
DC in Jack x 1
USB 3.2 Gen 1 Type-A x 1
USB 3.2 Gen 2 Type-A x 2
Thunderbolt™ 4 Type-C x 1
Optional: MicroSD x 1
LAN (RJ45) x 1
HDMI 2.0 x 1
Docking connector x 1
Optional: 5M webcam x 1
Optional: SIM card slot x 1 (Mini-SIM, 2FF) [vi]
Optional: Windows Hello face-authentication 5M camera (front-facing) x 1 [vii]
Optional: RF antenna pass-through for GPS, WWAN and WLAN

Configurable I/O options :
1. Serial port (9-pin; D-sub) + VGA port (15-pin; D-sub) + 2nd LAN (RJ45)
2. Serial port (9-pin; D-sub) + VGA port (15-pin; D-sub) + PowerShare USB 3.2 Gen 1 Type-A
3. Serial port (9-pin; D-sub) + Display port + 2nd LAN (RJ45)
4. Serial port (9-pin; D-sub) + Display port + PowerShare USB 3.2 Gen 1 Type-A

Communication Interface
10/100/1000 base-T Ethernet
Intel® Wi-Fi 6E AX211, 802.11ax
Bluetooth (v5.3) [viii]
Optional: Dedicated L1/L5 GPS [ix]
Optional: 4G LTE mobile broadband with integrated GPS [vi, ix, x]
Optional: 5G Sub-6 with integrated L1/L5 GPS [vi, ix, x]
Dual SIM (Mini-SIM 2FF and e-SIM) [xi]

Security Feature
TPM 2.0
Kensington lock
Optional: Intel® vPro® Technology
Optional: Fingerprint reader
Optional: HF RFID reader [xii]
Optional: Smart card reader
Optional: Windows Hello face-authentication 5M camera (front-facing) [vii]

Power
AC adapter (90W, 100-240VAC, 50/60Hz)
Li-ion battery (10.8V, typical 6900mAh; min. 6600mAh)
Optional: AC adapter (120W, 100-240VAC, 50/60Hz) [ii]
Optional: Multimedia bay battery (11.1V, typical 4200mAh; min. 3980mAh) [iii]
Optional: 2nd battery (10.8V, typical 6900mAh; min. 6600mAh)

Dimension (W x D x H) & Weight
350 x 293 x 38.5mm (13.8" x 11.5" x 1.5")
2.38kg (5.25lbs) [xiii]

Rugged Feature
MIL-STD-810H certified
IP53 certified
Splash resistant keyboard
Vibration & 3ft (0.9m) drop resistant [xiv]
Sealed ports and connectors
Shock-protected removable SSD

Environmental Specification
Temperature [xv]:
- Operating: -29°C to 63°C / -20°F to 145°F [xvi]
- Storage: -51°C to 71°C / -60°F to 160°F
Humidity:
- 95% RH, non-condensing

S510

Operating System
Windows 11 Pro

Mobile Computing Platform
Intel® Core™ Ultra 5 processor 125U
Max. 4.3GHz with Intel® Turbo Boost Technology
- 12 MB Intel® Smart Cache

Platform options:
Intel® Core™ Ultra 5 processor 135U, vPro® Enterprise [i]
Max. 4.4GHz with Intel® Turbo Boost Technology
- 12 MB Intel® Smart Cache
Intel® Core™ Ultra 7 processor 155U
Max. 4.8GHz with Intel® Turbo Boost Technology
- 12 MB Intel® Smart Cache
Intel® Core™ Ultra 7 processor 165U, vPro® Enterprise [i]
Max. 4.9GHz with Intel® Turbo Boost Technology
- 12 MB Intel® Smart Cache

VGA Controller
Intel® Graphics
Optional: NVIDIA® GeForce® GTX 1650 4GB discrete graphics controller [ii, iii]

NPU
Intel® AI Boost

Display
15.6" TFT LCD FHD (1920 x 1080)
Protection film
1,000 nits display with Getac sunlight readable technology
Optional: Capacitive multi-touch LumiBond screen [ii]

Storage & Memory
8GB DDR5
Optional: 16GB / 32GB / 64GB DDR5
256GB PCIe NVMe SSD
Optional: 512GB / 1TB / 2TB PCIe NVMe SSD
Optional: Multimedia bay 2nd storage: 512GB / 1TB SATA SSD [iii, iv, v]

Keyboard & Buttons
LED backlit membrane keyboard

Pointing Device
Touchscreen
- Optional: Capacitive multi-touch screen touchpad
- Glide touchpad with multi-touch

Expansion Slot
Optional: Smart card reader

Multimedia Bay
Weight saver
Optional: 1D/2D imager barcode reader [iii]
Optional: DVD super multi drive [iii, iv, xvii]
Optional: 2nd Storage [iii, iv, v]
Optional: NVIDIA® GeForce® GTX 1650 4GB discrete graphics controller [ii, iii]

I/O Interface
Audio in/out combo x 1
DC in Jack x 1
USB 3.2 Gen 2 Type-A x 2
Thunderbolt™ 4 Type-C x 1
Optional: MicroSD x 1
LAN (RJ45) x 1
HDMI 2.0 x 1
Optional: SIM card slot x 1 (Nano-SIM, 4FF) [vi]
Optional: 5M pixels webcam x 1 [vii]
Optional: Windows Hello face-authentication 5M camera (front-facing) x 1 [vii]
Docking connector x 1
Optional: Thunderbolt™ 4 Type-C x 1 [i]
Optional: RF antenna pass-through for GPS, WWAN and WLAN

Configurable I/O options :
1. LAN (RJ45) [viii] + Serial port (9-pin; D-sub) + VGA port (15-pin; D-sub)
2. USB 3.2 Gen 1 Type-A + Serial port (9-pin; D-sub) + Display port

Communication Interface
10/100/1000 base-T Ethernet
Intel® Wi-Fi 6E AX211, 802.11ax
Bluetooth (v5.3) [ix]
Optional: 2.5GBASE-T Ethernet [viii]
Optional: Dual SIM (Nano-SIM 4FF and e-SIM) [vi, x]
Optional: 4G LTE mobile broadband with integrated GPS [vi, xii]
Optional: 5G Sub-6 with integrated GPS [vi, xi, xii]

Security Feature
TPM 2.0
Kensington lock
Optional: Intel® vPro® Technology [i]
Optional: Fingerprint reader
Optional: HF RFID reader [xiii]
Optional: Windows Hello face-authentication 5M camera (front-facing) [vii]

Power
Battery (10.8V, typical 6900mAh; min. 6600mAh)
AC adapter (65W, 100-240VAC)
Optional: 2nd battery (10.8V, typical 6900mAh; min. 6600mAh) [ii]
Optional: AC adapter (90W, 100-240VAC, 50/60Hz) [ii]

Dimension (W x D x H) & Weight
375 x 277 x 39mm (14.8" x 10.9" x 1.5"),
2350g (5.18lbs) [xiv]

Rugged Feature
MIL-STD-810H certified
IP53 certified
Vibration & 3ft (0.9m) drop resistant [xv]

Environmental Specification
Temperature [xvi]:
- Operating: -29°C to 63°C / -20°F to 145°F [xvii]
- Storage: -51°C to 71°C / -60°F to 160°F
Humidity:
- 95% RH, non-condensing

X600

Operating System
Windows 11 Pro

Mobile Computing Platform
Intel® Core™ i5-11500HE vPro® Processor
Max. 4.5GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

Platform options:
Intel® Core™ i7-11850HE vPro® Processor
Max. 4.7GHz with Intel® Turbo Boost Technology
- 24MB Intel® Smart Cache
Intel® Xeon® W-11865MRE vPro® Processor
Max. 4.7GHz with Intel® Turbo Boost Technology
- 24MB Intel® Smart Cache

VGA Controller
Intel® UHD Graphics
Optional: NVIDIA® Quadro® RTX3000 6GB discrete graphics controller [i, ii, iii]
Optional: NVIDIA® GeForce® GTX1650 4GB discrete graphics controller [i, ii]

Display
15.6" TFT LCD FHD (1920 x 1080)
Protection film
1,000 nits LumiBond display with Getac sunlight readable technology
Optional: Capacitive multi-touch screen

Storage & Memory
16GB DDR4
Optional: 32GB / 64GB / 128GB DDR4
512GB PCIe SSD
Optional: 1TB / 2TB PCIe SSD
Optional 2nd storage: 512GB / 1TB / 2TB PCIe SSD
Optional 3rd storage: 512GB / 1TB / 2TB PCIe SSD

Keyboard & Buttons
LED backlit membrane keyboard with integrated numeric keypad

Pointing Device
Touchscreen
- Optional: Capacitive multi-touch screen
Touchpad
- Touchpad with two buttons

Expansion Slot
Smart card reader
Optional: ExpressCard 54 or PCMCIA Type II [iv]
Optional: SD card reader

I/O Interface
5M webcam x 1
Audio in/out combo x 1
DC in Jack x 1
USB 3.2 Gen 2 Type-A x 4
Thunderbolt™ 4 Type-C [xiii] x 1
LAN (RJ45) x 2
HDMI 2.0 x 1
Docking connector x 1
External VGA (15-pin; D-sub) x 1 or 3rd Serial port (9-pin; D-sub) x 1 [v]
Serial port (9-pin; D-sub) x 2
Optional: SIM card slot x 1 (Mini-SIM, 2FF) [vi]
Display port x 1
Optional: RF antenna pass-through for GPS, WWAN and WLAN

Communication Interface
2.5GBASE-T Ethernet
Intel® Wi-Fi 6E AX210, 802.11ax
Bluetooth (v5.2) [vii]
Optional: Dedicated GPS [viii, ix]
Optional: 4G LTE mobile broadband with integrated GPS [vi, viii]

Security Feature
TPM 2.0
Kensington lock
Smart card reader
Intel® vPro® Technology
Getac Disk Wipe

Power
AC adapter (230W, 100-240VAC, 50/60Hz) [ii]
AC adapter (230W, 100-240VAC, 50/60Hz) [i]
Battery (10.8V, typical 6900mAh; min. 6600mAh) x 2

Dimension (W x D x H) & Weight
412 x 322 x 52.5mm (16.22" x 12.68" x 2.07") [x]
4.41kg (9.72lbs) [x]

Rugged Feature
MIL-STD-810H certified
IP66 certified
MIL-STD-461G certified [xi]
Vibration and 4ft (1.2m) drop resistant
Optional: ANSI / UL 121201, CSA C22.2 NO. 213 (Class I, Division 2, Groups A, B, C, D)
Optional: Salt fog certified

Environmental Specification
Temperature [xii]:
- Operating: -29°C to 63°C / -20°F to 145°F
- Storage: -51°C to 71°C / -60°F to 160°F
Humidity:
- 95% RH, non-condensing

X600 Pro

Operating System
Windows 11 Pro

Mobile Computing Platform
Intel® Core™ i5-11500HE vPro® Processor
Max. 4.5GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

Platform options:
Intel® Core™ i7-11850HE vPro® Processor
Max. 4.7GHz with Intel® Turbo Boost Technology
- 24MB Intel® Smart Cache
Intel® Xeon® W-11865MRE vPro® Processor
Max. 4.7GHz with Intel® Turbo Boost Technology
- 24MB Intel® Smart Cache

VGA Controller
Intel® UHD Graphics
Optional: NVIDIA® Quadro® RTX3000 6GB discrete graphics controller [i, ii, iii]
Optional: NVIDIA® GeForce® GTX1650 4GB discrete graphics controller [i, ii]

Display
15.6" TFT LCD FHD (1920 x 1080)
Protection film
1,000 nits LumiBond display with Getac sunlight readable technology
Optional: Capacitive multi-touch screen

Storage & Memory
16GB DDR4
Optional: 32GB / 64GB / 128GB DDR4
512GB PCIe SSD
Optional: 1TB / 2TB PCIe SSD
Optional 2nd storage: 512GB / 1TB / 2TB PCIe SSD
Optional 3rd storage: 512GB / 1TB / 2TB PCIe SSD

Keyboard & Buttons
LED backlit membrane keyboard with integrated numeric keypad

Pointing Device
Touchscreen
- Optional: Capacitive multi-touch screen
Touchpad
- Touchpad with two buttons

Expansion Slot
Smart card reader
ExpressCard 54 + PCMCIA Type II
Optional: 2nd ExpressCard 54 or 2nd PCMCIA Type II [iv]
Optional: SD card reader

Multimedia Bay
Multimedia bay battery (11.1V, typical 4200mAh; min. 3980mAh)
DVD super multi drive [v]
Optional: Multimedia bay 2nd battery (11.1V, typical 4200mAh; min. 3980mAh) or Blu-Ray super multi drive [v]

I/O Interface
5M webcam x 1
Audio in/out combo x 1
DC in Jack x 1
USB 3.2 Gen 2 Type-A x 4
Thunderbolt™ 4 Type-C [xiii] x 1
LAN (RJ45) x 2
HDMI 2.0 x 1
Docking connector x 1
External VGA (15-pin; D-sub) x 1 or 3rd Serial port (9-pin; D-sub) x 1 [vi]
Serial port (9-pin; D-sub) x 2
Optional: SIM card slot x 1 (Mini-SIM, 2FF) [vii]
Display port x 1
Optional: RF antenna pass-through for GPS, WWAN and WLAN

Communication Interface
2.5GBASE-T Ethernet
Intel® Wi-Fi 6E AX210, 802.11ax
Bluetooth (v5.2) [viii]
Optional: Dedicated GPS [xi]
Optional: 4G LTE mobile broadband with integrated GPS [vii, ix]

Security Feature
TPM 2.0
Kensington lock
Smart card reader
Intel® vPro® Technology
Getac Disk Wipe

Power
AC adapter (230W, 100-240VAC, 50/60Hz) [i]
Battery (10.8V, typical 6900mAh; min. 6600mAh) x 2
Multimedia bay battery (11.1V, typical 4200mAh; min. 3980mAh) x 1
Optional: Multimedia bay 2nd battery (11.1V, typical 4200mAh; min. 3980mAh) [v]

Dimension (W x D x H) & Weight
412 x 322 x 108.8mm (16.22" x 12.68" x 4.28") [x]
8.145kg (17.95 lbs) [x]

Rugged Feature
MIL-STD-810H certified
IP66 certified
MIL-STD-461G certified [xi]
Vibration and 4ft (1.2m) drop resistant
Optional: ANSI / UL 121201, CSA C22.2 NO. 213 (Class I, Division 2, Groups A, B, C, D)
Optional: Salt fog certified

Environmental Specification
Temperature [xii]:
- Operating: -29°C to 63°C / -20°F to 145°F
- Storage: -51°C to 71°C / -60°F to 160°F
Humidity:
- 95% RH, non-condensing

X600 Pro-PCI

Operating System
Windows 11 Pro

Mobile Computing Platform
Intel® Core™ i5-11500HE vPro® Processor
Max. 4.5GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

Platform options:
Intel® Core™ i7-11850HE vPro® Processor
Max. 4.7GHz with Intel® Turbo Boost Technology
- 24MB Intel® Smart Cache
Intel® Xeon® W-11865MRE vPro® Processor
Max. 4.7GHz with Intel® Turbo Boost Technology
- 24MB Intel® Smart Cache

VGA Controller
Intel® UHD Graphics
Optional: NVIDIA® GeForce® GTX1650 4GB discrete graphics controller [i,ii]

Display
15.6" TFT LCD FHD (1920 x 1080)
Protection film
1,000 nits LumiBond display with Getac sunlight readable technology
Optional: Capacitive multi-touch screen

Storage & Memory
16GB DDR4
Optional: 32GB / 64GB / 128GB DDR4
512GB PCIe SSD
Optional: 1TB / 2TB PCIe SSD
Optional 2nd storage: 512GB / 1TB / 2TB PCIe SSD
Optional 3rd storage: 512GB / 1TB / 2TB PCIe SSD

Keyboard & Buttons
LED backlit membrane keyboard with integrated numeric keypad

Pointing Device
Touchscreen
- Optional: Capacitive multi-touch screen
Touchpad
- Touchpad with two buttons

Expansion Slot
Smart card reader
ExpressCard 54 + PCMCIA Type II
PCI or PCI-Express 3.0 expansion unit (x2 slots) [iii, iv, v]
Optional: 2nd ExpressCard 54 or 2nd PCMCIA Type II [vi]
Optional: SD card reader

Multimedia Bay
DVD super multi drive [vii]
Optional: Blu-Ray super multi drive [vii]

I/O Interface
5M webcam x 1
Audio in/out combo x 1
DC in Jack x 1
USB 3.2 Gen 2 Type-A x 4
Thunderbolt™ 4 Type-C [xvi] x 1
LAN (RJ45) x 2
HDMI 2.0 x 1
External VGA (15-pin; D-sub) x 1 or 3rd Serial port (9-pin; D-sub) x 1 [viii]
Serial port (9-pin; D-sub) x 2
Optional: SIM card slot x 1 (Mini-SIM, 2FF) [ix]
Display port x 1

Communication Interface
2.5GBASE-T Ethernet
Intel® Wi-Fi 6E AX210, 802.11ax
Bluetooth (v5.2) [x]
Optional: Dedicated GPS [xi]
Optional: 4G LTE mobile broadband with integrated GPS [ix, xi]

Security Feature
TPM 2.0
Kensington lock
Smart card reader
Intel® vPro® Technology
Getac Disk Wipe

Power
AC adapter (230W, 100-240VAC, 50/60Hz)
Battery (10.8V, typical 6900mAh; min. 6600mAh) x 4

Dimension (W x D x H) & Weight
412 x 322 x 108.8mm (16.22" x 12.68" x 4.28") [xii]
8.145kg (17.95 lbs) [xii]

Rugged Feature
MIL-STD-810H certified
IP66 certified
MIL-STD-461G certified [xiii]
Vibration and 3ft (0.9m) drop resistant [xiv]

Environmental Specification
Temperature [xv]:
- Operating: -29°C to 63°C / -20°F to 145°F
- Storage: -51°C to 71°C / -60°F to 160°F
Humidity:
- 95% RH, non-condensing

X600 Server

Operating System
Windows Server 2022

Mobile Computing Platform
Intel® Xeon® W-11865MRE vPro® Processor
Max. 4.7GHz with Intel® Turbo Boost Technology
- 24 Intel® Smart Cache

VGA Controller
Intel® UHD Graphics

Display
15.6" TFT LCD FHD (1920 x 1080)
Protection film
1,000 nits LumiBond display with Getac sunlight readable technology
Optional: Capacitive multi-touch screen

Storage & Memory
32GB DDR4
Optional: 64GB / 128GB DDR4
1TB Enterprise PCIe SSD
Optional: 2TB Enterprise PCIe SSD
Optional: 2nd Storage: 1TB / 2TB Enterprise PCIe SSD
Optional: 3rd Storage: 1TB / 2TB Enterprise PCIe SSD
Disk management: RAID 5 [i]

Keyboard & Buttons
LED backlit membrane keyboard with integrated numeric keypad

Pointing Device
Touchscreen
- Optional: Capacitive multi-touch screen
Touchpad
- Touchpad with two buttons

Expansion Slot
Smart card reader
ExpressCard 54 + PCMCIA Type II [ii]
Optional: 2nd ExpressCard 54 or 2nd PCMCIA Type II [iii]
Optional: SD card reader

Multimedia Bay
Optional: DVD super multi drive [ii, iv] or Blu-Ray super multi drive [iv]

X Bay
Optional: Enterprise SATA SSD 4TB (1TB x 4) maximum expandable to 16TB (2TB x 8)
Disk management: RAID 0, RAID 1, RAID 5

I/O Interface
5M webcam x 1
Audio in/out combo x 1
DC in Jack x 1
USB 3.2 Gen 2 Type-A x 4
Thunderbolt™ 4 Type-C [xvii] x 1
LAN (RJ45) x 2
HDMI 2.0 x 1
External VGA (15-pin; D-sub) x 1 or 2nd Serial port (9-pin; D-sub) x 1 [v]
Serial port (9-pin; D-sub) x 1
Display port x 1
Optional: 3rd Serial port (9-pin; D-sub) x 1 [ii]

Communication Interface
2.5GBASE-T Ethernet

Security Feature
TPM 2.0
Kensington lock
Smart card reader
Intel® vPro™ Technology
Getac Disk Wipe

Power
AC adapter (230W, 100-240VAC, 50/60Hz)
Battery (10.8V, typical 6900mAh; min. 6600mAh) x 2
Optional: Battery (10.8V, typical 6900mAh; min. 6600mAh) x 2 [ii]

Dimension (W x D x H) & Weight
X600 Server:
412 x 322 x 52.5mm (16.22" x 12.68" x 2.07") [vii]
4.41kg (9.72lbs) [vi, vii]
X600 Server RAID:
412 x 322 x 108.8mm (16.22" x 12.68" x 4.28") [viii]
8.51kg (18.76lbs) [vi, viii]

Rugged Feature
MIL-STD-810H certified
IP66 certified
MIL-STD-461G certified [ix]
Vibration and 3ft (0.9m) drop resistant [x]

Environmental Specification
Temperature [xi]:
- Operating: -29°C to 63°C / -20°F to 145°F
- Storage: -51°C to 71°C / -60°F to 160°F
Humidity:
- 95% RH, non-condensing

Notes

V110
i Units equipped with dual channel memory come with Intel® Iris® Xe Graphics.
ii Smart card reader, Optional SD card + Smart card reader, and Optional 1D/2D imager barcode reader are mutually exclusive.
iii 5M webcam and optional Windows Hello face-authentication FHD camera (front-facing) are mutually exclusive options.
iv Units with 4G/5G LTE option come with an embedded SIM card slot.
v Bluetooth performance and connectable distance may be subject to interference with the environments and performance on client devices, users may be able to reduce effects of interference by minimizing the number of active Bluetooth wireless devices that is operating in the area.
vi One physical SIM card slot and one eSIM. Network service may vary depending on local telecommunication providers.
vii 13.56MHz contactless HF RFID/NFC reader (ISO 15693, 14443 A/B, Mifare and FeliCa™ compliant).
viii Weight and dimensions vary from configurations and optional accessories.
ix MIL-STD-461 90W AC adapter sold separately.
x Drop test results vary from configurations and optional accessories.
xi Available with limited configurations and environment conditions.
xii Tested by an independent third-party test lab following MIL-STD-810H.
xiii Available when barcode reader option is selected.
xiv Models require either embedded or standalone GPS module.
xv Gamber Johnson and Havis vehicle docks are e-mark certified.
xvi Support GPS, GLONASS, Galileo, and BeiDou. Only available in US, UK, EU, Australia and New Zealand.

B360
i Units equipped with dual channel memory come with Intel® Iris® Xe Graphics.
ii Second storage is optional and will be fitted with a removable cover when not chosen at point of purchase.
iii Units with 4G LTE option come with an embedded SIM card slot.
iv 5M webcam and optional Windows Hello face-authentication FHD camera (front-facing) are mutually exclusive options.
v External VGA and Display port are mutually exclusive.
vi Bluetooth performance and connectable distance may be subject to interference with the environments and performance on client devices, users may be able to reduce effects of interference by minimizing the number of active Bluetooth wireless devices that is operating in the area.
vii Support GPS, GLONASS, Galileo, BeiDou and QZSS.
viii One physical SIM card slot and one eSIM. Network service may vary depending on local telecommunication providers.
ix Fingerprint reader and HF RFID reader are mutually exclusive.
x HF(13.56MHz) combo HF RFID/NFC reader (iClass, HID Prox, ISO 15693, 14443 A/B, Mifare and FeliCa™ compliant).
xi Weight and dimensions vary from configurations and optional accessories.
xii MIL-STD-461 90W AC adapter sold separately.
xiii Available with limited configurations and environment conditions.
xiv Tested by an independent third-party test lab following MIL-STD-810H.
xv For optional DVD / Blu-Ray super-multi drive, the operating temperature is -10°C to 50°C / 14°F to 122°F.
xvi Available when barcode reader option is selected.
xvii Models require either embedded or standalone GPS module.
xviii Gamber Johnson and Havis vehicle docks are e-mark certified.

B360 Pro
i Units equipped with dual channel memory come with Intel® Iris® Xe Graphics.
ii 120W AC adapter is used for office dock and for device configured with discrete graphics card.
iii Discrete graphics card, PCMCIA slot, and Expresscard slot are mutually exclusive.
iv Second storage is optional and will be fitted with a removable cover when not chosen at point of purchase.
v Option 1 and 2 are mutually exclusive.
vi Factory option. Not user swappable.
vii The configuration with a discrete graphic controller does not support USB-C power delivery function.
viii Units with 4G LTE option come with an embedded SIM card slot.
ix External VGA and Display port are mutually exclusive.
x Bluetooth performance and connectable distance may be subject to interference with the environments and performance on client devices, users may be able to reduce effects of interference by minimizing the number of active Bluetooth wireless devices that is operating in the area.
xi Fingerprint reader and HF RFID reader are mutually exclusive.
xii HF(13.56MHz) combo HF RFID/NFC reader(iClass, HID Prox, ISO 15693, 14443 A/B, Mifare and FeliCa™ compliant).
xiii Weight and dimensions vary from configurations and optional accessories.
xiv MIL-STD-461 90W AC adapter sold separately.
xv Available with limited configurations and environment conditions.
xvi Tested by an independent third-party test lab following MIL-STD-810H.
xvii For optional DVD / Blu-Ray super-multi drive, the operating temperature is -10°C to 50°C / 14°F to 122°F.
xviii Available when barcode reader option is selected.
xix Models require either embedded or standalone GPS module.
xx Gamber Johnson and Havis vehicle docks are e-mark certified.
xxi Do not support the configurations with discrete graphics card.
xxii 5M webcam and optional Windows Hello face-authentication FHD camera (front-facing) are mutually exclusive options.
xxiii Support GPS, GLONASS, Galileo, BeiDou and QZSS.
xxiv One physical SIM card slot and one eSIM. Network service may vary depending on local telecommunication providers.

S410
i Units equipped with dual channel memory come with Intel® Iris® Xe Graphics.
ii 120W AC adapter is used for office dock and for device configured with discrete graphics card.
iii NVIDIA® GeForce® GTX 1650 4GB discrete graphics controller, Blu-Ray, DVD super multi drive, Multimedia bay battery, 1D/2D imager barcode reader and 2nd storage are mutually exclusive options.
iv NVIDIA® GeForce® GTX 1650 4GB discrete graphics controller is required to configure with Intel® Core™ i5/i7 processor, Dual battery, FHD LCD display with capacitive multi-touch screen, and 120W AC adapter.
v Trained user swappable.
vi Units with 4G/5G LTE option come with an embedded SIM card slot.
vii 5M webcam and optional Windows Hello face-authentication camera (front-facing) are mutually exclusive options.
viii Bluetooth performance and connectable distance may be subject to interference with the environments and performance on client devices, users may be able to reduce effects of interference by minimizing the number of active Bluetooth wireless devices that is operating in the area.
ix Support GPS, GLONASS, Galileo, BeiDou and QZSS.
x Only available in the US, UK, EU, Australia, and New Zealand.
xi One physical SIM card slot and one eSIM. Network service may vary depending on local telecommunication providers.
xii 13.56MHz HF RFID/NFC reader (ISO 15693, 14443 A/B, Mifare and FeliCa™ compliant).
xiii Weight and dimensions vary from configurations and optional accessories.
xiv Drop test results vary from configurations and optional accessories.
xv Tested by an independent third-party test lab following MIL-STD-810H.
xvi For S410 optional DVD / Blu-Ray super-multi drive, the operating temperature is -10°C to 50°C / 14°F to 122°F.
xvii Available when barcode reader option is selected.
xviii Models require either embedded or standalone GPS module.
xix Havis vehicle dock is e-mark certified.
xx Do not support the configurations with discrete graphics card.

S510
i vPro® Enterprise is available for configuration with two Thunderbolt™ 4 Type-C.
ii NVIDIA® GeForce® GTX 1650 4GB discrete graphics controller is required to configure with dual battery, and 90W AC adapter.
iii NVIDIA® GeForce® GTX 1650 4GB discrete graphics controller, DVD super multi drive, 1D/2D imager barcode reader and 2nd storage are mutually exclusive options.
iv Trained user swappable.
v For optional 2nd storage, the operating temperature is -10°C to 63°C / 14°F to 145°F.
vi Units with 4G/5G LTE option come with an embedded SIM card slot.
vii 5M webcam and optional Windows Hello face-authentication camera (front-facing) are mutually exclusive options.
viii The optional 2nd LAN is 2.5GBASE-T Ethernet.
ix Bluetooth performance and connectable distance may be subject to interference with the environments and performance on client devices. Users may be able to reduce effects of interference by minimizing the number of active Bluetooth wireless devices that are operating in the area.
x One physical SIM card slot and one eSIM. Network service may vary depending on local telecommunication providers.
xi Only available in the US, UK, EU, Australia, and New Zealand.
xii Support GPS, GLONASS, Galileo, BeiDou and QZSS.
xiii 13.56MHz HF RFID reader (ISO 15693, 14443 A/B, Mifare and FeliCa™ compliant).
xiv Weight and dimensions vary from configurations and optional accessories.
xv Drop test results vary from configurations and optional accessories.
xvi Tested by an independent third-party test lab following MIL-STD-810H.
xvii For optional DVD super-multi drive, the operating temperature is -10°C to 50°C / 14°F to 122°F.
xviii Available when barcode reader option is selected.
xix Models require either embedded or standalone GPS module.
xx The multimedia bay 2nd SSD and DVD super multi drive can only replace the weight saver and the original configuration.
xxi Gamber-Johnson and Havis vehicle docks are e-mark certified.

X600
i The configuration with a discrete graphic controller requires the 230W AC adapter.
ii 150W AC adaptor is not applicable with discrete graphic controller nor office dock.
iii For X600 optional NVIDIA® Quadro® RTX3000, the operating temperature is 0°C to 63°C / 32°F to 145°F.
iv ExpressCard 54 and PCMCIA Type II card readers are mutually exclusive.
v The 2nd serial port is optional and mutually exclusive with External VGA.
vi Units with 4G LTE option comes with an embedded SIM card slot.
vii Bluetooth performance and connectable distance may be subject to interference with the environments and performance on client devices, users may be able to reduce effects of interference by minimizing the number of active Bluetooth wireless devices that is operating in the area.
viii Dedicated GPS and 4G LTE are mutually exclusive options.
ix Support GPS, GLONASS, Galileo, BeiDou and QZSS.
x Weight and dimensions vary from configurations and optional accessories.
xi MIL-STD-461 230W AC adapter sold separately.
xii Tested by an independent third-party test lab following MIL-STD-810H.
xiii Does not support USB power delivery.

X600 Pro
i The configuration with a discrete graphic controller requires the 230W AC adapter.
ii 150W AC adaptor is not applicable with discrete graphic controller nor office dock.
iii For X600 Pro optional NVIDIA® Quadro® RTX3000, the operating temperature is 0°C to 63°C / 32°F to 145°F.
iv The 2nd ExpressCard 54 and the 2nd PCMCIA Type II card readers are mutually exclusive.
v DVD super multi drive, Blu-Ray super multi drive, and the 2nd multimedia bay battery are mutually exclusive.
vi The 3rd Serial port is optional and mutually exclusive with External VGA.
vii Units with 4G LTE option comes with an embedded SIM card slot.
viii Bluetooth performance and connectable distance may be subject to interference with the environments and performance on client devices, users may be able to reduce effects of interference by minimizing the number of active Bluetooth wireless devices that is operating in the area.
ix Dedicated GPS and 4G LTE are mutually exclusive options.
x Weight and dimensions vary from configurations and optional accessories.
xi MIL-STD-461 230W AC adapter sold separately.
xii Tested by an independent third-party test lab following MIL-STD-810H.
xiii Does not support USB power delivery.

X600 Pro-PCI
i The configuration with a discrete graphic controller requires the 230W AC adapter.
ii 150W AC adaptor is not applicable with discrete graphic controller nor office dock.
iii PCI or PCI-Express expansion unit is not compatible with vehicle dock nor office dock.
iv The PCI or PCI-Express expansion unit is not compatible with NVIDIA® Quadro RTX3000.
v PCI and PCI-E slots are mutually exclusive options.
vi The 2nd ExpressCard 54 and the 2nd PCMCIA Type II card readers are mutually exclusive.
vii DVD super multi drive and Blu-Ray super multi drive are mutually exclusive.
viii The 3rd Serial port is optional and mutually exclusive with External VGA.
ix Units with 4G LTE option comes with an embedded SIM card slot.
x Bluetooth performance and connectable distance may be subject to interference with the environments and performance on client devices, users may be able to reduce effects of interference by minimizing the number of active Bluetooth wireless devices that is operating in the area.
xi Dedicated GPS and 4G LTE are mutually exclusive options.
xii Weight and dimensions vary from configurations and optional accessories.
xiii MIL-STD-461 230W AC adapter sold separately.
xiv X600 Pro-PCI can withstand 3ft (0.9m) drop in packaging.
xv Tested by an independent third-party test lab following MIL-STD-810H.
xvi Does not support USB power delivery.

X600 Server
i RAID 5 configuration will require 3 storages for X600 Server without RAID.
ii Default spec in the X600 Server RAID
iii The 2nd ExpressCard 54 and the 2nd PCMCIA Type II card readers are mutually exclusive.
iv DVD super multi drive and Blu-Ray super multi drive are mutually exclusive.
v The 2nd Serial port is optional and mutually exclusive with External VGA.
vi Weight and dimensions vary from configurations and optional accessories.
vii Dimension for X600 Server.
viii Dimension for X600 Server RAID.
ix MIL-STD-461 230W sold separately.
x X600 Server without RAID can withstand 4ft drop.
xi Tested by an independent third-party test lab following MIL-STD-810H.
xii X600 Server RAID comes with 4 batteries and an AC adapter (230W, 100-240VAC, 50/60Hz).
xiii 150W AC Adapter is compatible with X600 Server.
xiv Spare SSD Kit is an enterprice PCIe SSD. Compatible with X600 Server and X600 Server RAID.
xv X-bay SSD Kit is an Enterprise SATA SSD. Compatible with X600 Server RAID.
xvi NIST SP 800-88 Purge is not supported on X600 Server hardware-based RAID.
xvii Does not support USB power delivery.

Getac

Rugged Mobile Computing Solutions

ZX80

Operating System
Android™ 13.0 [i]

Mobile Computing Platform
Qualcomm® QCS6490, Octa-core 1.9GHz
Max. 2.7GHz

VGA Controller
Qualcomm® Adreno™ 643 GPU

NPU
Qualcomm® Hexagon™ Processor, up to 13 TOPS with 6th Qualcomm AI Engine

Display
8" Wide Viewing Angle TFT LCD WUXGA (1920 x 1200)
Protection film
1,000 nits display with Getac sunlight readable technology
Capacitive multi-touch screen

Storage & Memory
12GB LPDDR5, 256GB UFS

Keyboard & Buttons
Power button
3 tablet programmable buttons

Pointing Device
Touchscreen
- Capacitive multi-touch screen
- Optional: Dual mode touchscreen (multi-touch and digitizer)

Expansion Slot
Optional: 1D/2D imager barcode reader
Optional: NFC [ii]

I/O Interface
8M pixels webcam x 1
16M pixels auto focus rear camera x 1
Audio in/out combo x 1
USB 3.2 Gen 1 Type-C (with Display port & power delivery) x 1
MicroSD x 1 or Optional: Hybrid SIM card (Nano-SIM, 2FF) tray with MicroSD x 1 [iii]
Docking connector x 1
Optional: RF antenna pass-through for GPS, WWAN and WLAN

Communication Interface
Wi-Fi 6E 802.11ax
Bluetooth (v5.2) [iv]
Optional: Dual SIM (Nano-SIM 2FF and e-SIM) [iii]
Optional: 4G LTE mobile broadband [iii]
Optional: 5G Sub-6 [iii]
Optional: Dedicate GPS [v]

Security Feature
Optional: NFC [ii]

Power
Internal battery (3.86V, typical 4060mAh; min. 3950mAh)
LifeSupport battery swappable technology

Swappable Battery Options:
Battery bay cover (Default)
Battery (3.84V, typical 4990mAh; min. 4870mAh)
High capacity Li-ion battery (3.84V, typical 9980mAh; min. 9470mAh)

Dimension (W x D x H) & Weight
234 x 149.8 x 17.6mm (9.21" x 5.89" x 0.69")
590g (1.3lbs) [vi]

Rugged Feature
MIL-STD-810H certified
IP67 certified
Vibration & 6ft (1.8m) drop resistant [vii]
Optional: ANSI/UL 121201, CSA C22.2 NO. 213 (Class I, Division 2, Groups A, B, C, D) [viii]

Environmental Specification
Temperature [iv]:
- Operating: -29°C to 63°C / -20°F to 145°F
- Storage: -51°C to 71°C / -60°F to 160°F
Humidity:
- 95% RH, non-condensing

ZX10

Operating System
Android™ 13.0

Mobile Computing Platform
Qualcomm® QCS6490, Octa-core 1.9GHz
Max. 2.7GHz

VGA Controller
Qualcomm® Adreno™ 643 GPU

NPU
Qualcomm® Hexagon™ Processor, up to 13 TOPS with 6th Qualcomm AI Engine

Display
10.1" TFT LCD WUXGA (1920 x 1200)
Protection film
1,000 nits LumiBond display with Getac sunlight readable technology
Capacitive multi-touch screen

Storage & Memory
8GB LPDDR5
128GB UFS
Optional: 256GB UFS

Keyboard & Buttons
Power button
4 tablet programmable buttons

Pointing Device
Touchscreen
- Capacitive multi-touch screen
- Optional: Dual mode touchscreen (multi-touch and digitizer)

Expansion Slot
Optional: 1D/2D imager barcode reader
Optional: Smart card reader
Optional: NFC [ii]

I/O Interface
8M pixels webcam x 1
16M pixels auto focus rear camera x 1
Audio in/out combo x 1
USB 3.2 Gen 1 Type-C w/ DP & PD x 1
USB 2.0 (Host) x 1
MicroSD x 1
Docking connector x 1
Optional: RF antenna pass-through for GPS, WLAN and WWAN

Communication Interface
Wi-Fi 6E 802.11ax
Bluetooth (v5.2) [iii]
Optional: Dual SIM (Nano-SIM 4FF and e-SIM) [iv]
Optional: 4G LTE mobile broadband [iv]
Optional: 5G Sub-6 [iv]
Optional: Dedicated L1/L5 GPS [v]

Security Feature
Kensington lock
Optional: NFC [ii]
Optional: Smart card reader

Power
AC adapter (65W, 100-240VAC, 50/60Hz)
Battery (3.88V, typical 4990mAh; min. 4870mAh) + Battery bay cover
LifeSupport battery swappable technology

Swappable Battery Options:
1. Battery (3.88V, typical 4990mAh; min. 4870mAh) x 2
2. High capacity battery (3.88V, typical 9980mAh; min. 9740mAh) x 2

Dimension (W x D x H) & Weight
275 x 192 x 17.9mm (10.8 " x 7.56" x 0.7")
906g (1.99lbs) [vi]

Rugged Feature
MIL-STD-810H certified
IP66 certified
Vibration & 6 feet (1.8m) drop resistant
Optional: ANSI/UL 121201, CSA C22.2 NO. 213 (Class I, Division 2, Groups A, B, C, D)

Environmental Specification
Temperature [vii]:
- Operating: -29°C to 63°C / -20°F to 145°F
- Storage: -51°C to 71°C / -60°F to 160°F
Humidity:
- 95% RH, non-condensing

UX10

Operating System
Windows 11 Pro

Mobile Computing Platform
Intel® Core™ i5-1235U Processor
Max. 4.4GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

Platform options:
Intel® Core™ i5-1245U vPro® Processor
Max. 4.4GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

Intel® Core™ i7-1255U Processor
Max. 4.7GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

Intel® Core™ i7-1265U vPro® Processor
Max. 4.8GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

Intel® Pentium™ 8505 Processor
Max. 4.4GHz with Intel® Turbo Boost Technology
- 8MB Intel® Smart Cache

VGA Controller
Intel® UHD Graphics

Display
10.1" Wide Viewing Angle TFT LCD WUXGA (1920 x 1200)
Protection film
1,000 nits LumiBond display with Getac sunlight readable technology
Capacitive multi-touch screen

Storage & Memory
8GB DDR4
Optional: 16GB / 32GB DDR4
256GB PCIe NVMe SSD
Optional: 512GB / 1TB PCIe NVMe SSD

Keyboard & Buttons
Power button
5 tablet programmable buttons

Pointing Device
Touchscreen
- Capacitive multi-touch screen
- Optional: Dual mode touchscreen (multi-touch and digitizer)

Expansion Slot
Optional (top side): 1D/2D imager barcode reader, or Serial port, or USB 3.2 Gen 1 Type-A port, or LAN port (RJ45), or microSD or HF RFID reader [i], or HDMI 2.0. [ii]
Optional (right side): LAN port (RJ45) or Fingerprint reader [iii]
Optional (back side): Smart card reader, or Bridge battery, or Bridge battery + Smart card reader [iv]

I/O Interface
FHD webcam x 1 [v]
8M pixels auto focus rear camera x 1
Audio in/out combo x 1
DC in Jack x 1
USB 3.2 Gen 2 Type-A x 1
Thunderbolt™ 4 Type-C x 1
Docking connector x 1
Optional: Windows Hello face-authentication camera (front-facing) x 1 [v]
Optional: RF antenna pass-through for GPS, WWAN and WLAN

Communication Interface
Optional: 10/100/1000 base-T Ethernet
Intel® Wi-Fi 6E AX211, 802.11ax
Bluetooth (v5.3) [vi]
Optional: Dedicated GPS with L1/L5 [ix]
Optional: 4G LTE mobile broadband with integrated GPS [vii, viii, ix, x]
Optional: 5G Sub-6 with integrated GPS [vii, viii, ix]
Dual SIM (Micro-SIM 3FF and e-SIM) [vii, viii]

Security Feature
TPM 2.0
Kensington lock
Optional: Intel® vPro™ Technology
Optional: Fingerprint reader [iii]
Optional: HF RFID reader [i, ii]
Optional: Smart card reader [iv]
Optional: Windows Hello face-authentication camera (front-facing) [v]

Power
AC adapter (65W, 100-240VAC, 50/60 Hz)
Li-ion battery (11.1V, typical 4200mAh; min. 4080mAh) x 1
Optional: High capacity Li-ion battery (10.8V, 9240mAh) x 1
Optional: Bridge battery [iv]

Dimension (W x D x H) & Weight
279 x 194.5 x 23.5mm (10.98" x 7.65" x 0.92") [xi]
1.22kg (2.68lbs) [xi]

Rugged Feature
MIL-STD-810H certified
IP66 certified
MIL-STD-461G certified [xii]
Vibration & 6ft (1.8m) drop resistant [xiii]
Optional: ANSI/UL 121201, CSA C22.2 NO. 213 (Class I, Division 2, Groups A, B, C, D) [xiv]

Environmental Specification
Temperature [xv]:
- Operating: -29°C to 63°C / -20°F to 145°F
- Storage: -51°C to 71°C / -60°F to 160°F
Humidity:
- 95% RH, non-condensing

F110

Operating System
Windows 11 Pro

Mobile Computing Platform
Intel® Core™ i5-1335U Processor
Max. 4.6GHz with Intel® Turbo Boost Technology
- 12 MB Intel® Smart Cache

Platform options:
Intel® Core™ i5-1345U vPro® Enterprise Processor
Max. 4.7GHz with Intel® Turbo Boost Technology
- 12 MB Intel® Smart Cache

Intel® Core™ i7-1355U Processor
Max. 5.0GHz with Intel® Turbo Boost Technology
- 12 MB Intel® Smart Cache

Intel® Core™ i7-1365U vPro® Enterprise Processor
Max. 5.20GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

VGA Controller
Intel® UHD Graphics

Display
11.6" Wide Viewing Angle TFT LCD FHD (1920 x 1080)
Protection film
1,200 nits LumiBond display with Getac sunlight readable technology
Capacitive multi-touch screen

Storage & Memory
8GB DDR5
Optional: 16GB / 32GB DDR5
256GB PCIe NVMe SSD
Optional: 512GB / 1TB / 2TB PCIe NVMe SSD

Keyboard
Power button
4 tablet programmable buttons

Pointing Device
Touchscreen
- Capacitive multi-touch screen
- Optional: Dual mode touchscreen (multi-touch and digitizer)

Expansion Slot
Optional(top side): 1D/2D imager barcode reader, or USB 2.0 port, or LAN (RJ45), or MicroSD, or Serial port + LAN (RJ45) [i]
Optional(right side): HF RFID reader or Fingerprint reader [ii]
Optional(back side): Smart card reader

I/O Interface
5M webcam x 1 [iii]
8M pixels auto focus rear camera x 1
Audio in/out combo x 1
DC in Jack x 1
USB 3.2 Gen 2 Type-A x 1
Thunderbolt™ 4 Type-C x 1
Docking connector x 1
Optional: SIM card slot x 1 (Micro-SIM, 3FF) [v]
Optional: Windows Hello face-authentication 5M camera (front-facing) x 1 [iii]
Optional: RF antenna pass-through for GPS, WWAN, and WLAN, or GPS, WWAN main, and WWAN AUX

Communication Interface
Intel® Wi-Fi 6E AX211, 802.11ax
Bluetooth (v5.3) [iv]
Optional: 10/100/1000 base-T Ethernet
Optional: Dedicated GPS
Optional: 4G LTE mobile broadband with integrated GPS [v, vi]
Optional: 5G Sub-6 with integrated L1/L5 GPS [v, vi]
Dual SIM (Micro-SIM 3FF and e-SIM) [v]

Security Feature
TPM 2.0
Kensington lock
Optional: Intel® vPro® Technology
Optional: HF RFID Reader [ii, vii], or Smart card reader, or Fingerprint reader [ii]
Optional: Windows Hello face-authentication 5M camera (front-facing) [iii]

Power
AC adapter (65W, 100-240VAC, 50/60Hz)
Li-ion battery (11.4V, typical 2680mAh; min. 2640mAh) x 2
LifeSuppor battery swappable technology
Optional: High capacity Li-ion battery (11.1V, typical 4200mAh) x 2

Dimension (W x D x H) & Weight
314 x 207 x 25mm (12.4" x 8.15" x 0.98")
1.49kg (3.29lbs) [viii]

Rugged Feature
MIL-STD-810H certified
IP66 certified
MIL-STD-461G certified [ix]
Vibration & 6ft (1.8m) drop resistant [x]
Optional: ANSI/UL 121201, CSA C22.2 NO. 213 (Class I, Division 2, Groups A, B, C, D) [xi]
Optional: Salt fog certified

Environmental Specification
Temperature [xii]:
- Operating: -29°C to 63°C / -20°F to 145°F
- Storage: -51°C to 71°C / -60°F to 160°F
Humidity:
- 95% RH, non-condensing

K120

Operating System
Windows 11 Pro

Mobile Computing Platform
Intel® Core™ i5-1335U Processor
Max. 4.6GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

Platform options:
Intel® Core™ i5-1345U vPro® Processor
Max. 4.7GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

Intel® Core™ i7-1355U Processor
Max. 5GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

Intel® Core™ i7-1365U vPro® Processor
Max. 5.2GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

VGA Controller
Intel® Iris® Xe Graphics [i]

Display
12.5" Wide Viewing Angle TFT LCD FHD (1920 x 1080)
Protection film
1,200 nits LumiBond display with Getac sunlight readable technology
Capacitive multi-touch screen

Storage & Memory
16GB DDR5
Optional: 32GB / 64GB DDR5
256GB PCIe NVMe SSD
Optional: 512GB / 1TB / 2TB PCIe NVMe SSD

Keyboard & Buttons
LED backlit membrane keyboard
Power button
5 tablet programmable buttons

Pointing Device
Touchscreen
- Capacitive multi-touch screen
- Optional: Dual mode touchscreen (multi-touch and digitizer)

Expansion Slot
Optional: 1D/2D imager barcode reader
Optional: Serial port (9-pin; D-sub), or USB 3.2 Gen 2 Type-A, or HDMI 2.0

I/O Interface
Tablet:
5M pixels webcam x 1 [ii]
8M pixels auto focus rear camera x 1
Audio in/out combo x 1
Optional: MicroSD
USB 3.2 Gen 2 Type-A x 1
Thunderbolt™ 4 Type-C x 2
LAN (RJ45) x 1
Docking connector x 2
Dual SIM (Micro-SIM 3FF and e-SIM) [iii]
Optional: Windows Hello face-authentication 5M camera (front-facing) [ii]
RF antenna pass-through for GPS, WWAN and WLAN

Optional keyboard dock:
USB-C charging port x 1
DC in Jack x 1
USB 3.2 Gen 1 Type-A x 3
LAN (RJ45) x 1
HDMI 2.0 x 1
Display port 1.2 x 1
Serial port (9-pin; D-sub) x 1
RF antenna pass-through for GPS, WWAN and WLAN

Communication Interface
10/100/1000 base-T Ethernet
Intel® WiFi 6E AX211, 802.11ax
Bluetooth (v5.3) [iv]
Optional: Dedicated GPS with L1/L5
Optional: 4G LTE mobile broadband with integrated GPS [iii, v]
Optional: 5G Sub-6 with integrated L1/L5 GPS [iii, v]
Dual SIM (Micro-SIM 3FF and e-SIM) [iii]

Security Feature
TPM 2.0
Kensington lock
Optional: Intel® vPro® Technology
Optional: Smart card reader or HF RFID reader or Fingerprint reader [vi, vii]
Optional: Windows Hello face-authentication 5M camera (front-facing) [ii]

Power
USB-C AC adapter (65W, 100-240VAC, 50/60Hz)
Li-ion battery (11.1V, typical 2100mAh; min. 2040mAh) x 2
LifeSupport battery swappable technology
Optional: High capacity Li-ion battery (14.4V, typical 3450mAh; min. 3300mAh) x 2

Dimension (W x D x H) & Weight
Tablet:
329.5 x 238 x 24mm (12.97" x 9.37" x 0.94")
1.7kg (3.75lbs) [viii]
Tablet + Optional keyboard dock:
340.5 x 327.5 x 47mm (13.40" x 12.89" x 1.85")
3.13kg (6.9lbs) [viii]

Rugged Feature
MIL-STD-810H certified
IP66 certified
Vibration & 6ft (1.8m) drop resistant [ix]
Optional: ANSI/UL 121201, CSA C22.2 NO. 213 (Class I, Division 2, Groups A, B, C, D) [x]

Environmental Specification
Temperature [xi]:
- Operating: -29°C to 63°C / -20°F to 145°F
- Storage: -51°C to 71°C / -60°F to 160°F
Humidity:
- 95% RH, non-condensing

A140

Operating System
Windows 11 Pro

Mobile Computing Platform
Intel® Core™ i5-10210U Processor 1.6GHz
Max. 4.2GHz with Intel® Turbo Boost Technology
- 6MB Intel® Smart Cache

Platform options:
Intel® Core™ i5-10310U vPro™ Processor 1.7GHz
Max. 4.4GHz with Intel® Turbo Boost Technology
- 6MB Intel® Smart Cache

Intel® Core™ i7-10510U Processor 1.8GHz
Max. 4.9GHz with Intel® Turbo Boost Technology
- 8MB Intel® Smart Cache

Intel® Core™ i7-10610U vPro™ Processor 1.8GHz
Max. 4.9GHz with Intel® Turbo Boost Technology
- 8MB Intel® Smart Cache

VGA Controller
Intel® UHD Graphics

Display
14" TFT LCD HD (1366 x 768)
Protection film
1,000 nits LumiBond display with Getac sunlight readable technology
Capacitive multi-touch screen
Optional: 14" Wide Viewing Angle TFT LCD FHD (1920 x 1080)
800 nits LumiBond display with Getac sunlight readable technology and capacitive multi-touch screen

Storage & Memory
8GB DDR4
Optional: 16GB / 32GB DDR4
256GB PCIe NVMe SSD
Optional: 512GB / 1TB PCIe NVMe SSD

Keyboard & Buttons
Power button
7 tablet programmable buttons

Pointing Device
Touchscreen
- Capacitive multi-touch screen

Expansion Slot
Optional: 1D/2D imager barcode reader
Optional: Serial port, or HF RFID, or Fingerprint scanner, or HF RFID + Fingerprint scanner

I/O Interface
Audio in/out combo x 1
DC in Jack x 1
USB 2.0 x 1
USB 3.2 Gen 2 Type-A x 1
USB 3.2 Gen 2 Type-C x 1
LAN (RJ45) x 1
HDMI 1.4 x 1
Docking connector x 1
Optional: FHD webcam x 1
Optional: SIM card slot x 1 (Micro-SIM, 3FF) [i]
Optional: RF antenna pass-through for GPS, WWAN and WLAN
Optional: 8M pixels auto focus rear camera x 1

Communication Interface
10/100/1000 base-T Ethernet x 1
Intel® Wi-Fi 6 AX201, 802.11ax
Bluetooth (v5.2) [ii]
Optional: Dedicated GPS [iii]
Optional: 4G LTE mobile broadband [i]

Security Feature
TPM 2.0
Kensington lock
Smart card reader
Optional: HF RFID
Optional: Fingerprint reader

Power
AC adapter (90W, 100-240VAC, 50/60Hz)
Li-ion smart battery (10.8V, typical 3220mAh; min. 3120mAh) x 2
LifeSupport battery swappable technology

Dimension (W x D x H) & Weight
369 x 248 x 32.5mm (14.58" x 9.76" x 1.279")
2.3kg (5.07lbs) [iv]

Rugged Feature
MIL-STD-810H certified
IP65 certified
MIL-STD-461G certified [v]
Vibration & 4ft (1.2m) drop resistant [vi]
Optional: ANSI/UL 121201, CSA C22.2 NO. 213 (Class I, Division 2, Groups A, B, C, D) [vii]

Environmental Specification
Temperature [viii]:
- Operating: -29°C to 63°C / -20°F to 145°F
- Storage: -51°C to 71°C / -60°F to 160°F
Humidity:
- 95% RH, non-condensing

ZX80
- i Android enterprise recommended rugged devices deliver a consistent set of features verified by Google with an elevated device baseline, increased security standards and enterprise-focused features and behaviors to meet the needs of users. Google and Android are trademarks of Google LLC.
- ii 13.56MHz contactless NFC (ISO 15693, 14443 A/B, Mifare and FeliCa™ compliant).
- iii One physical SIM card slot and one eSIM. Network service may vary depending on local telecommunication providers.
- iv Bluetooth performance and connectable distance may be subject to interference with the environments and performance on client devices, users may be able to reduce effects of interference by minimizing the number of active Bluetooth wireless devices that is operating in the area.
- v Support GPS, GLONASS, Galileo and BeiDou.
- vi Weight and dimensions vary from configurations and optional accessories.
- vii Drop test results vary from configurations and optional accessories.
- viii Available with limited configurations and environment conditions.
- ix Tested by an independent third-party test lab following MIL-STD-810H.
- x Gamber-Johnson vehicle dock and cradle are e-mark certified.

ZX10
- i Android enterprise recommended rugged devices deliver a consistent set of features verified by Google with an elevated device baseline, increased security standards and enterprise-focused features and behaviors to meet the needs of users. Google and Android are trademarks of Google LLC.
- ii 13.56MHz HF RFID / NFC combo reader (ISO 15693, 14443 A/B, Mifare and FeliCa™ compliant).
- iii Bluetooth performance and connectable distance may be subject to interference with the environments and performance on client devices, users may be able to reduce effects of interference by minimizing the number of active Bluetooth wireless devices that is operating in the area.
- iv One physical SIM card slot and one eSIM. Network service may vary depending on local telecommunication providers.
- v Support GPS, GLONASS, Galileo and BeiDou. Only available in the US, UK, EU, Australia and New Zealand.
- vi Weight and dimensions vary from configurations and optional accessories; optional high-capacity batteries add approx. 7.65mm (H), 140g.
- vii When using AC power, the device operates in temperatures as low as -29°C (-20°F), as tested by an independent third-party laboratory following MIL-STD-810H standards. For battery-only operation, it functions down to -15°C (5°F) with one standard battery, -21°C (-6°F) with two standard batteries, and -29°C (-20°F) with two high-capacity batteries.
- viii Gamber Johnson and Havis vehicle docks are e-mark certified.

UX10
- i 13.56MHz contactless HF RFID reader (ISO 15693, 14443 A/B, Mifare and FeliCa™ compliant).
- ii 1D/2D imager barcode reader, Serial port, USB 3.2 Gen 1 Type-A port, LAN port (RJ45), HF RFID reader, MicroSD and HDMI 2.0 are mutually exclusive options.
- iii Fingerprint reader and LAN Port are mutually exclusive options.
- iv Smart card reader, Bridge battery and Bridge battery + Smart card reader are mutually exclusive options.
- v FHD webcam and optional Windows Hello face-authentication camera (front-facing) are mutually exclusive options.
- vi Bluetooth performance and connectable distance may be subject to interference with the environments and performance on client devices, users may be able to reduce effects of interference by minimizing the number of active Bluetooth wireless devices that is operating in the area.
- vii One physical SIM card slot and one eSIM.
- viii Network service may vary depending on local telecommunication providers.
- ix Supports GPS, GLONASS, Galileo, BeiDou and QZSS. Only available in US, UK, EU, Australia and New Zealand.
- x Units with 4G LTE option come with an embedded SIM card slot.
- xi Weight and dimensions vary from configurations and optional accessories.
- xii MIL-STD-461 90W AC adapter sold separately.
- xiii Drop test results vary from configurations and optional accessories.
- xiv Available with limited configurations and environment conditions.
- xv Tested by an independent third-party test lab following MIL-STD-810H.
- xvi Available when barcode reader option is selected.
- xvii Models require either embedded or standalone GPS module.
- xviii Gamber Johnson and Havis vehicle docks are e-mark certified.

F110
- i 1D/2D imager barcode reader, USB 2.0 port, LAN (RJ45), MicroSD, Serial port + LAN (RJ45) are mutually exclusive options.
- ii HF RFID reader and fingerprint reader are mutually exclusive options.
- iii 5M webcam and optional Windows Hello face-authentication 5M camera (front-facing) are mutually exclusive options.
- iv Bluetooth performance and connectable distance may be subject to interference with the environments and performance on client devices, users may be able to reduce effects of interference by minimizing the number of active Bluetooth wireless devices that is operating in the area.
- v One physical SIM card slot and one eSIM. Network service may vary depending on local telecommunication providers.
- vi Support GPS, GLONASS, Galileo, BeiDou and QZSS. Only available in USA, UK, EU, Australia, and New Zeland.
- vii 13.56MHz HF RFID reader (ISO 15693, 14443 A/B, Mifare and FeliCa™ compliant).
- viii Weight and dimensions vary from configurations and optional accessories; optional high-capacity batteries add approx. 6mm (H), 0.24kg.
- ix MIL-STD-461 90W AC adapter sold separately.
- x Drop test results vary from configurations and optional accessories.
- xi Available with limited configurations and environment conditions.
- xii Tested by an independent third-party test lab following MIL-STD-810H.
- xiii Available when barcode reader option is selected.
- xiv Models require either embedded or standalone GPS module.
- xv Gamber Johnson and Havis vehicle docks are e-mark certified.

K120
- i Units equipped with dual channel memory come with Intel® Iris® Xe Graphics.
- ii 5M webcam and optional Windows Hello face-authentication 5M camera (front-facing) are mutually exclusive options.
- iii One physical SIM card slot and one eSIM. Network service may vary depending on local telecommunication providers.
- iv Bluetooth performance and connectable distance may be subject to interference with the environments and performance on client devices, users may be able to reduce effects of interference by minimizing the number of active Bluetooth wireless devices that is operating in the area.
- v 4G LTE only available in USA, UK, EU, Australia and New Zealand. 5G Sub-6 only available in USA, UK and EU.
- vi 13.56MHz HF RFID/NFC reader (ISO 15693, 14443 A/B, Mifare and FeliCa™ compliant).
- vii Smart card reader, HF RFID reader and Fingerprint scanner are mutually exclusive options.
- viii Weight and dimensions vary from configurations and optional accessories; optional high capacity batteries add approx. 11mm (H), 0.20kg.
- ix Drop test results vary from configurations and optional accessories.
- x Available with limited configurations and environment conditions.
- xi Tested by an independent third-party test lab following MIL-STD-810H.
- xii Available when barcode reader option is selected.
- xiii Models require either embedded or standalone GPS module.
- xiv Gamber Johnson and Havis vehicle docks are e-mark certified.
- xv Available for laptop and tablet mode.

A140
- i Units with 4G LTE option comes with an embedded SIM card slot.
- ii Bluetooth performance and connectable distance may be subject to interference with the environments and performance on client devices, users may be able to reduce effects of interference by minimizing the number of active Bluetooth wireless devices that is operating in the area.
- iii Supports GPS and Glonass.
- iv Weight varies from configurations and optional accessories.
- v MIL-STD-461 90W AC adapter sold separately.
- vi Drop test results vary from configurations and optional accessories.
- vii Available with limited configurations and environment conditions.
- viii Tested by an independent third-party test lab following MIL-STD-810H.
- ix Available when barcode reader option is selected.
- x Models require either embedded or standalone GPS module.
- xi Gamber Johnson and Havis vehicle docks are e-mark certified.

ZX10-EX

Operating System
Android™ 12.0 [i]

Mobile Computing Platform
Qualcomm® Snapdragon™ 660, Octa-core 1.95GHz
Max. 2.2GHz

VGA Controller
Qualcomm® Adreno™ 512 GPU

Display
10.1" TFT LCD WUXGA (1920 x 1200)
800 nits LumiBond display with Getac sunlight readable technology

Storage & Memory
4GB LPDDR4, 64GB eMMC
Optional: 6GB LPDDR4, 128GB eMMC

Keyboard & Buttons
Power button
4 tablet programmable buttons

Pointing Device
Touchscreen
- Dual mode touchscreen (multi-touch and digitizer)

Expansion Slot
Optional: 1D/2D imager barcode reader
Optional: Smart card reader
Optional: HF RFID / NFC combo reader [ii]

I/O Interface
8M pixels webcam x 1
16M pixels auto focus rear camera x 1
Audio in/out combo x 1
DC in Jack x 1
USB 3.2 Gen 1 Type-C w/ DP & PD x 1
USB 2.0 (Host) x 1
MicroSD x 1

Communication Interface
Wi-Fi 802.11 a/b/g/n/ac
Bluetooth (v5.0) [iii]
Dual Micro SIM
Dedicated GPS
Optional: 4G LTE mobile broadband

Security Feature
Kensington lock
Optional: Smart card reader
Optional: HF RFID / NFC combo reader [ii]

Power
AC adapter (65W, 100-240VAC, 50/60Hz)
Li-Ion battery (3.84V, typical 4990mAh; min. 4870mAh) x 2
Optional: High capacity battery (3.84V, typical 9980mAh; min. 9470mAh) x 2

Dimension (W x D x H) & Weight
275 x 192 x 17.9mm (10.8 " x 7.56" x 0.7")
1.09kg (2.40lbs) [iv]

Rugged Feature
MIL-STD-810H certified
IP66 certified
Vibration & 6 feet (1.8m) drop resistant
ATEX & IECEx certified

Environmental Specification
Temperature [v]:
- Operating: -29°C to 63°C / -20°F to 145°F
- Storage: -51°C to 71°C / -60°F to 160°F
Humidity:
- 95% RH, non-condensing

Explosion Protection
ATEX/IECEx Zone 2/22
Ex II 3G Ex ic op is IIC T4 Gc
Ex II 3D Ex ic op is IIIB T130°C Dc

UX10-EX

Operating System
Windows 11 Pro

Mobile Computing Platform
Intel® Core™ i5-1235U Processor
Max. 4.4GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

Platform options:
Intel® Core™ i5-1245U vPro® Processor
Max. 4.4GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

Intel® Core™ i7-1255U Processor
Max. 4.7GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

Intel® Core™ i7-1265U vPro® Processor
Max. 4.8GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

VGA Controller
Intel® UHD Graphics

Display
10.1" Wide Viewing Angle TFT LCD WUXGA (1920 x 1200)
Protection film
1,000 nits LumiBond display with Getac sunlight readable technology

Storage & Memory
8GB DDR4
Optional: 16GB / 32GB DDR4
256GB PCIe NVMe SSD
Optional: 512GB / 1TB PCIe NVMe SSD

Keyboard & Buttons
Power button
5 tablet programmable buttons

Pointing Device
Touchscreen
Dual mode touchscreen (multi-touch and digitizer)

Expansion Slot
Optional (top side): 1D/2D imager barcode reader or HF RFID reader

I/O Interface
5M webcam x 1 [i]
8M pixels auto focus rear camera x 1
Audio in/out combo x 1
DC in Jack x 1
USB 3.2 Gen 2 Type-A x 1
Thunderbolt™ 4 Type-C x 1
Optional: Windows Hello face-authentication camera (front-facing) x 1 [i]

Communication Interface
Intel® Wi-Fi 6E AX211, 802.11ax
Bluetooth (v5.3) [ii]
Dual SIM (Micro-SIM 3FF and e-SIM) [iii, iv]
Optional: 5G Sub-6 with integrated GPS [iii, iv, v, vi]
Optional: 4G LTE mobile broadband with integrated GPS [iv, v, vi]

Security Feature
TPM 2.0
Kensington lock
Optional: Intel® vPro® Technology
Optional: HF RFID reader [i, ii]
Optional: Windows Hello face-authentication camera (front-facing) [i]

Power
AC adapter (65W, 100-240VAC, 50/60 Hz)
Li-ion battery (11.1V, typical 4200mAh; min. 4080mAh) x 1
Optional: High capacity Li-ion battery (10.8V, 9240mAh) x 1

Dimension (W x D x H) & Weight
279 x 194.5 x 23.9mm (10.98" x 7.65" x 0.94") [vii]
1.38kg (3.04lbs) [vii]

Rugged Feature
MIL-STD-810H certified
IP66 certified
Vibration & 6ft (1.8m) drop resistant [viii]
ATEX & IECEx certified

Environmental Specification
Temperature [ix]:
- Operating: 0°C to 55°C / 32°F to 131°F
- Storage: -51°C to 71°C / -60°F to 160°F
Humidity:
- 95% RH, non-condensing

Explosion Protection
ATEX/IECEx Zone 2/22
Ex II 3G Ex ic op is IIC T4 Gc
Ex II 3D Ex ic op is IIIC T130°C Dc

F110-EX

Operating System
Windows 11 Pro

Mobile Computing Platform
Intel® Core™ i5-1135G7 Processor
Max. 4.2GHz with Intel® Turbo Boost Technology
- 8MB Intel® Smart Cache

Platform Options:
Intel® Core™ i5-1145G7 vPro™ Processor
Max. 4.4GHz with Intel® Turbo Boost Technology
- 8MB Intel® Smart Cache

Intel® Core™ i7-1165G7 Processor
Max. 4.7GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

Intel® Core™ i7-1185G7 vPro™ Processor
Max. 4.8GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

VGA Controller
Intel® UHD Graphics

Display
11.6" Wide Viewing Angle TFT LCD FHD (1920 x 1080)
1,000 nits LumiBond display with Getac sunlight readable technology

Storage & Memory
8GB DDR4
Optional: 16GB / 32GB DDR4
256GB PCIe NVMe SSD
Optional: 512GB / 1TB / 2TB PCIe NVMe SSD

Keyboard & Buttons
Power button
4 tablet programmable buttons

Pointing Device
Touchscreen
Dual mode touchscreen (multi-touch and digitizer)

Expansion Slot
Optional: Smart card reader
Optional: 1D/2D imager barcode reader, or USB 2.0 port, or serial port + LAN (RJ45) [i]
Optional [ii]: HF RFID Reader, or Fingerprint Reader

I/O Interface
5M webcam x 1 [iii]
8M pixels auto focus rear camera x 1
Audio in/out combo x 1
DC in Jack x 1
USB 3.2 Gen 2 Type-A x 1
Thunderbolt™ 4 Type-C x 1
Optional: SIM card slot x 1 (Micro-SIM, 3FF) [v]
Optional: Windows Hello face-authentication FHD camera (front-facing) x 1 [iii]

Communication Interface
Optional: 10/100/1000 base-T Ethernet [i]
(Occupies expansion slot)
Intel® Wi-Fi 6 AX201, 802.11ax
Bluetooth (v5.2) [iv]
Optional: 4G LTE mobile broadband with integrated GPS [v]
Optional: 5G Sub-6 with integrated L1/L5 GPS [vi, xii]

Security Feature
TPM 2.0
Kensington lock
Optional: Intel® vPro™ Technology
Optional: HF RFID Reader [ii], or Smart Card Reader
Optional: Windows Hello face-authentication FHD camera (front-facing) x 1 [iii]

Power
AC Adapter (90W, 100-240VAC, 50/60Hz)
Li-ion battery (11.4V, typical 2680mAh; min. 2640mAh) x 2
Optional: High capacity Li-ion battery (11.1V, typical 4200mAh; min.4080mAh) x 2

Dimension (W x D x H) & Weight
314 x 224 x 25mm (12.4" x 8.82" x 0.98")
1.58kg (3.48lbs) [vii]

Rugged Feature
MIL-STD-810H certified
IP66 certified
Vibration & 4ft (1.2m) drop resistant
ATEX & IECEx certified

Environmental Specification
Temperature [viii]:
- Operating: -21°C to 60°C / -6°F to 140°F
- Storage: -51°C to 71°C / -60°F to 160°F
Humidity:
- 95% RH, non-condensing

Explosion Protection
ATEX/IECEx Zone 2/22
Ex II 3G Ex ic op is IIC T4 Gc
Ex II 3D Ex ic op is IIIB T130°C Dc

K120-EX

Operating System
Windows 11 Pro

Mobile Computing Platform
Intel® Core™ i5-1135G7 Processor
Max. 4.2GHz with Intel® Turbo Boost Technology
- 8MB Intel® Smart Cache

Platform options:
Intel® Core™ i5-1145G7 vPro™ Processor
Max. 4.4GHz with Intel® Turbo Boost Technology
- 8MB Intel® Smart Cache

Intel® Core™ i7-1165G7 Processor
Max. 4.7GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

Intel® Core™ i7-1185G7 vPro™ Processor
Max. 4.8GHz with Intel® Turbo Boost Technology
- 12MB Intel® Smart Cache

VGA Controller
Intel® Iris® Xe Graphics

Display
12.5" Wide Viewing Angle TFT LCD FHD (1920 x 1080)
1,200 nits LumiBond display with Getac sunlight readable technology

Storage & Memory
16GB DDR4
Optional: 32GB / 64GB DDR4
256GB PCIe NVMe SSD
Optional: 512GB / 1TB / 2TB PCIe NVMe SSD

Keyboard & Buttons
Power button
5 tablet programmable buttons

Pointing Device
Touchscreen
Dual mode touchscreen (multi-touch and digitizer)

Expansion Slot
Optional: 1D/2D imager barcode reader
Optional: Serial port (9-pin; D-sub), or USB 2.0 port

I/O Interface
5M webcam x 1 [i]
8M pixels auto focus rear camera x 1
Audio in/out combo x 1
DC in Jack x 1
USB 3.2 Gen 2 Type-A x 1
Thunderbolt™ 4 x 1
LAN (RJ45) x 1
HDMI 2.0 x 1
Optional: SIM card slot x 1 (Micro-SIM, 3FF) [ii]
Optional: Windows Hello face-authentication FHD camera (front-facing) x 1 [i]

Communication Interface
10/100/1000 base-T Ethernet
Intel® Wi-Fi 6 AX201, 802.11ax
Bluetooth (v5.2) [iii]
Optional: Dedicated GPS [iv]
Optional: 4G LTE mobile broadband with integrated GPS [ii, iv]
Optional: 5G Sub-6 with integrated GPS [v, vi]

Security Feature
TPM 2.0
Kensington lock
Optional: Intel® vPro™ Technology
Optional: Smart card reader or HF RFID reader [vii]
Optional: Windows Hello face-authentication FHD camera (front-facing) x 1 [i]

Power
AC adapter (90W, 100-240VAC, 50/60Hz)
Li-ion smart battery (11.1V, typical 2100mAh; min. 2040mAh) x 2

Dimension (W x D x H) & Weight
329.5 x 238 x 24mm (12.97" x 9.37" x 0.94")
1.76kg (3.88lbs) [viii]

Rugged Feature
MIL-STD-810H certified
IP66 certified
Vibration & 6ft (1.8m) drop resistant [ix]
ATEX & IECEx certified

Environmental Specification
Temperature [x]:
- Operating: -29°C to 63°C / -20°F to 145°F
- Storage: -51°C to 71°C / -60°F to 160°F
Humidity:
- 95% RH, non-condensing

Explosion Protection
ATEX/IECEx Zone 2/22
Ex II 3G Ex ic op is IIC T4 Gc
Ex II 3D Ex ic op is IIIB T130°C Dc

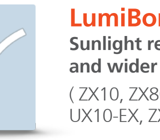
ZX10-EX
- i Android enterprise recommended rugged devices deliver a consistent set of features verified by Google with an elevated device baseline, increased security standards and enterprise-focused features and behaviors to meet the needs of users. Google and Android are trademarks of Google LLC.
- ii 13.56MHz HF RFID/NFC combo reader (ISO 15693, 14443 A/B, Mifare and FeliCa™ compliant).
- iii Bluetooth performance and connectable distance may be subject to interference with the environments and performance on client devices, users may be able to reduce effects of interference by minimizing the number of active Bluetooth wireless devices that is operating in the area.
- iv Weight and dimensions vary from configurations and optional accessories; optional high-capacity batteries add approx. 7.65mm (H), 144g.
- v Tested by an independent third-party test lab following MIL-STD-810H.
- vi Factory option. Not user-swappable.

UX10-EX
- i 5M webcam and optional Windows Hello face-authentication camera (front-facing) are mutually exclusive options.
- ii Bluetooth performance and connectable distance may be subject to interference with the environments and performance on client devices, users may be able to reduce effects of interference by minimizing the number of active Bluetooth wireless devices that is operating in the area.
- iii One physical SIM card slot and one eSIM.
- iv Network service may vary depending on local telecommunication providers.
- v Supports GPS, GLONASS, Galileo, BeiDou and QZSS. Only available in US, UK, EU, AU, and NZ.
- vi Units with 4G/5G option come with an embedded SIM card slot.
- vii Weight and dimensions vary from configurations and optional accessories.
- viii Drop test results vary from configurations and optional accessories.
- ix Tested by an independent third-party test lab following MIL-STD-810H.
- x Models require either embedded or standalone GPS module.

F110-EX
- i 1D/2D imager barcode reader, or USB (USB 2.0) port, or Serial port + LAN are mutually exclusive options.
- ii 13.56MHz Contactless HF RFID reader (ISO 15693, 14443 A/B, Mifare and FeliCa™ compliant).
- iii FHD webcam and optional Windows Hello face-authentication camera (front-facing) are mutually exclusive options.
- iv Bluetooth performance and connectable distance may be subject to interference with the environments and performance on client devices, users may be able to reduce effects of interference by minimizing the number of active Bluetooth wireless devices that is operating in the area.
- v Units with 4G LTE option come with an embedded SIM card slot.
- vi One physical SIM card slot and one eSIM. Network service may vary depending on local telecommunication providers.
- vii Weight and dimensions vary from configurations and optional accessories; optional high-capacity batteries add approx. 6mm (H), 0.24kg.
- viii Tested by an independent third-party test lab following MIL-STD-810H.
- ix Available when barcode reader option is selected.
- x Models require either embedded or standalone GPS module.
- xi Factory option. Not user swappable.
- xii Support GPS, GLONASS, Galileo, BeiDou and QZSS

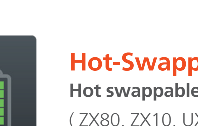
K120-EX
- i 5M webcam and optional Windows Hello face-authentication FHD camera (front-facing) are mutually exclusive options.
- ii Units with 4G LTE option comes with an embedded SIM card slot.
- iii Bluetooth performance and connectable distance may be subject to interference with the environments and performance on client devices, users may be able to reduce effects of interference by minimizing the number of active Bluetooth wireless devices that is operating in the area.
- iv Dedicated GPS is mutually exclusive with 4G LTE mobile broadband. Supports GPS and Glonass.
- v One physical SIM card slot and one eSIM. Network service may vary depending on local telecommunication providers.
- vi Support GPS, GLONASS, Galileo, BeiDou and QZSS.
- vii Smart card reader and HF RFID reader are mutually exclusive options.
- viii Weight and dimensions vary from configurations and optional accessories.
- ix Drop test results vary from configurations and optional accessories.
- x Tested by an independent third-party test lab following MIL-STD-810H.
- xi Models require either embedded or standalone GPS module.
- xii Available when barcode reader option is selected.
- xiii Models require either embedded or standalone GPS module.

INNOVATIVE TECHNOLOGIES



LumiBond Technology
Sunlight readable display with higher effective contrast ratio and wider viewing angle.
(ZX10, ZX80, UX10, F110, A140, K120, V110, B360, B360 Pro, UX10-EX, ZX10-EX, K120-EX, S510, X600 Pro-PCI, X600 Server)

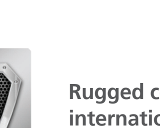
Anti-Explosive Technology
Intrinsically safe for explosive / hazardous environments.
(ZX10-EX, UX10-EX, F110-EX, K120-EX)



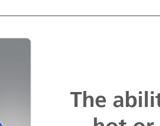
Hot-Swappable Battery
Hot swappable batteries for longer battery life.
(ZX80, ZX10, UX10, A140, F110, K120, V110, B360, B360 Pro, S410, S510, X600, X600 Pro, X600 Pro-PCI, X600 Server)

A Range of Wireless Options
With 5G Sub-6, 4G LTE options and next generation 802.11ax WiFi.
5G Sub-6 (ZX80, UX10, UX10-IP, F110, F110-EX, K120, K120-EX, V110, B360, B360 Pro, S410, S510)
4G LTE (ZX80, ZX10, UX10, UX10-EX, UX10-IP, F110, F110-EX, K120, K120-EX, A140, V110, B360, B360 Pro, S410, S510, X600, X600 Pro, X600 Pro-PCI)
802.11ac (ZX10, ZX10-EX)
802.11ax (ZX80, UX10, UX10-EX, UX10-IP, F110, F110-EX, K120, K120-EX, A140, V110, B360, B360 Pro, S410, S510, X600, X600 Pro, X600 Pro-PCI)

BUILT TO SURVIVE

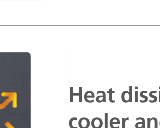


Rugged certification testing certified by independent international third-party laboratories.

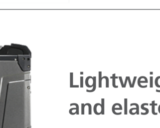


The ability to withstand extreme environments – hot or cold.

Protection against drops,severe vibration and tumbling.



Heat dissipation that allows the processor to stay cooler and consistently perform near full power.



Lightweight magnesium aluminum alloy chassis and elastomer-armored design for full protection.

Getac

SERVICE & SUPPORT

BEYOND EXPECTATION

Introducing our hassle-free Bumper-to-Bumper warranty with accidental damage as standard