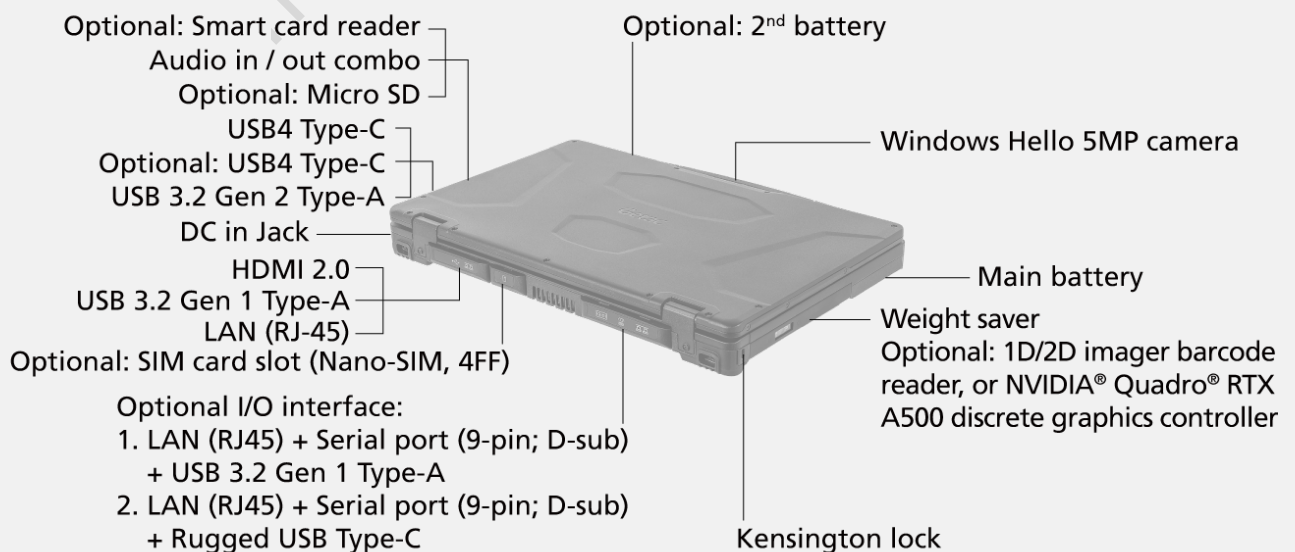




S510AD RUGGED LAPTOP



- Boost productivity with AMD Ryzen™ AI processors and Copilot+ PC, delivering AI-powered performance optimized for edge applications
- Stay clear and in control with a 15.6" Getac sunlight-readable display (1,000 nits) and glove-compatible touchscreen
- Sustainable chassis with enterprise-level ruggedness for a greener future
- Strengthen enterprise security with Windows Hello facial recognition, TPM 2.0, and AMD PRO Technology, hardware-enforced safeguards that protect your business data from cyber threats
- Connect with confidence using versatile I/O options, including rugged USB Type-C and docking solutions



SPECIFICATIONS

Operating System

Windows 11 Pro

CPU (Mobile Computing Platform)

AMD Ryzen™ AI 5 340 Processor
(6-core/12-thread, 22MB cache, up to 4.8 GHz max boost)

Platform options:

AMD Ryzen™ AI 5 PRO 340 Processor
(6-core/12-thread, 22MB cache, up to 4.8 GHz max boost)

AMD Ryzen™ AI 7 350 Processor
(8-core/16-thread, 24MB cache, up to 5.0 GHz max boost)

AMD Ryzen™ AI 7 PRO 350 Processor
(8-core/16-thread, 24MB cache, up to 5.0 GHz max boost)

Graphics

AMD Radeon™ 840M
(For AMD Ryzen™ AI 5 340 Processor)
AMD Radeon™ 860M
(For AMD Ryzen™ AI 7 350 Processor)
Optional: NVIDIA® Quadro®
RTX A500 discrete graphics controller ^{i, ii}

NPU

AMD XDNA™ 2 (Up to 50 TOPS)

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

Storage & Memory

16GB DDR5
Optional: 32GB / 64GB DDR5

256GB PCIe NVMe SSD
Optional: 512GB / 1TB / 2TB PCIe NVMe SSD

Keyboard

LED backlit membrane keyboard

Pointing Device

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

Audio

Integrated stereo speakers
Integrated dual-array microphone

Expansion Slot

Optional: Smart card reader

Multimedia Bay

Weight saver
Optional: 1D/2D imager barcode reader ⁱⁱ
Optional: NVIDIA® Quadro®
RTX A500 discrete graphics controller ^{i, ii}

I/O Interface

Audio in/out combo x 1
DC in Jack x 1
USB4 Type-C x 1
USB 3.2 Gen 2 Type-A x 1
USB 3.2 Gen 1 Type-A x 1
Optional: MicroSD x 1
LAN (RJ45) x 1
HDMI 2.0 x 1
Optional: SIM card slot x 1 (Nano-SIM, 4FF) ⁱⁱⁱ
Windows Hello face-authentication
5MP camera (front-facing) x 1
Docking connector x 1
Optional: USB4 Type-C x 1
Optional: RF antenna pass-through for GPS,
WWAN, and WLAN

Configurable I/O options :

- LAN (RJ45) ^{iv} + Serial port (9-pin; D-sub)
+ USB 3.2 Gen 1 Type-A
- LAN (RJ45) ^{iv} + Serial port (9-pin; D-sub)
+ Rugged USB Type-C

Communication Interface

10/100/1000 base-T Ethernet
Intel® Wi-Fi 7, 802.11be
Bluetooth (v5.4) ^v
Optional: 2.5GBASE-T Ethernet ^{iv}
Optional: Dual SIM (Nano-SIM 4FF and e-SIM) ^{iii, vi}
Optional: 4G LTE mobile broadband with integrated GPS ^{iii, viii}
Optional: 5G Sub-6 with integrated GPS ^{iii, vi, viii}
Optional: Dedicated GPS with L1/L5

Security Feature

TPM 2.0
Kensington lock
Windows Hello face-authentication 5MP camera (front-facing)
Optional: AMD PRO Technology
Optional: Fingerprint reader
Optional: HF RFID reader ^{ix}
Optional: Absolute Persistence®

Power

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

Dimension (W x D x H) & Weight

375 x 277 x 39mm (14.8" x 10.9" x 1.5") ^x
2350g (5.18lbs) ^x

Rugged Feature

MIL-STD-810H certified
IP53 certified
Vibration & 3ft (0.9m) drop resistant ^{xi}

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

Pre-installed Software

Getac Utility
Getac Geolocation
Getac Barcode Manager ^{xiii}
Optional: Absolute Secure Endpoint
Optional: Absolute Secure Access

Optional software

Getac Driving Safety Utility
Getac Monitoring
Getac VGPS Utility ^{xiv}

Accessories

Battery (10.8V, typical 6900mAh; min. 6600mAh)
AC adapter (65W, 100-240VAC)

Optional:

Carry bag
Battery (10.8V, typical 6900mAh; min. 6600mAh)
AC adapter (90W, 100-240VAC, 50/60Hz) ⁱ
DC-DC vehicle adapter (120W, 11-32VDC)
Multi-Bay charger (Dual-Bay)
Multi-Bay charger (Eight-Bay)
Capacitive stylus with tether
Protection film
Vehicle cradle
Vehicle dock ^{xv}
Spare SSD kit
100W Type-C adapter
Getac DS100 USB-C docking station with AC adapter
Rugged USB-C Cable

Warranty

Nothing says quality like a manufacturer standing behind their product. We've designed the notebook from the inside out to survive drops, shocks, spills, vibration and more. We're confident in our quality and that's why it comes standard with the industry leading 3 years warranty. It's the peace-of-mind protection of knowing you're covered.

Standard

3 years limited warranty

S510AD RUGGED LAPTOP

- I. NVIDIA® Quadro® RTX A500 discrete graphics controller is required to configure with dual battery and 90W AC adapter.
- II. NVIDIA® Quadro® RTX A500 discrete graphics controller and 1D/2D imager barcode reader are mutually exclusive options.
- III. Units with 4G/5G option come with an embedded SIM card slot.
- IV. The optional 2nd LAN is 2.5G BASE-T Ethernet.
- 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 are operating in the area.
- VI. One physical SIM card slot and one eSIM. Network service may vary depending on local telecommunication providers.
- VII. Only available in the US, UK, EU, Australia, and New Zealand, the operating temperature is -15°C to 63°C / 5°F to 145°F.
- VIII. Support GPS, GLONASS, Galileo, BeiDou and QZSS.
- IX. 13.56MHz HF RFID reader (ISO 15693, 14443 A/B, Mifare and FeliCa™ compliant).
- X. Weight and dimensions vary from configurations and optional accessories.
- XI. Drop test results vary from configurations and optional accessories.
- 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.

Information provided herewith is for reference only, available specification shall be subjected to quotation by request.

	Vehicle Dock (Gamber-Johnson, Havis)	DS100 USB-C Docking Station
Serial Port	1	-
Audio Output	-	1
DC in Jack	1	1
USB	USB-A 3.0 x 2, USB-A 2.0 x 2, USB-C 3.0 x 1	USB-A 2.0 x 2, USB-A 3.2 x 3, USB-C 3.2 x 2
LAN	1	1
HDMI	1	1
Display Port	-	2
RF Antenna Connector	3 (WWAN, WLAN, GPS)	-
Kensington Lock	-	-

Getac