

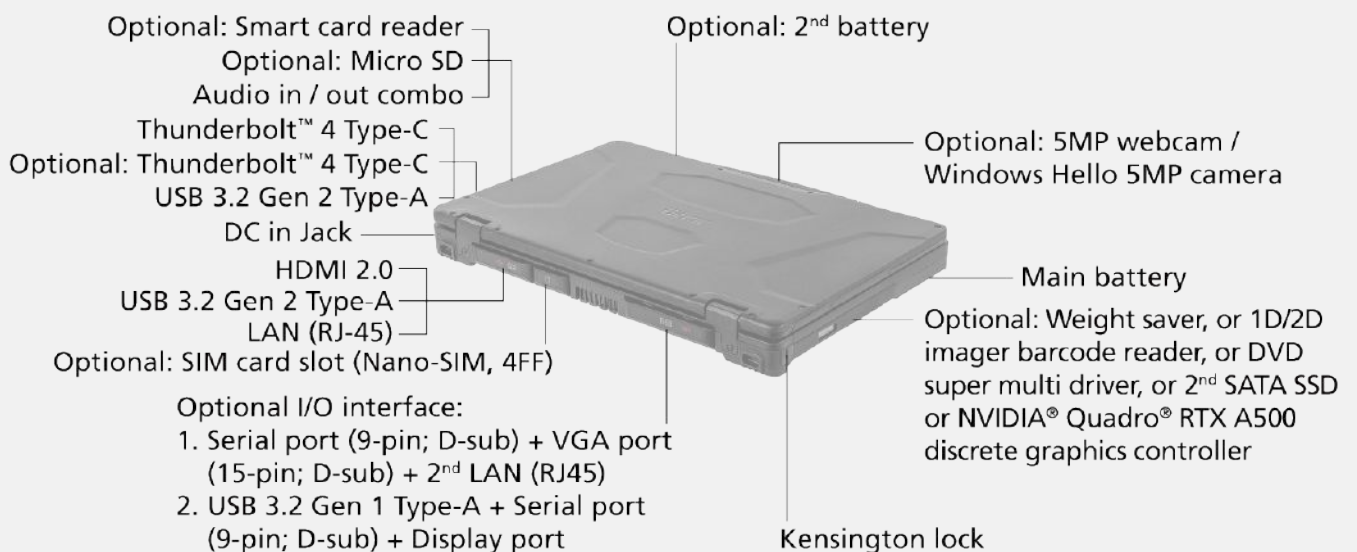
S510 RUGGED LAPTOP



- AI-ready with the latest Intel® Core™ Ultra Processors and Intel® AI Boost technology
- 15.6" display with Getac sunlight readable technology (1,000 nits) and glove-enabled capacitive touchscreen
- Sustainable chassis with enterprise-level ruggedness for a greener future
- Enhanced enterprise security with Intel® vPro®, Windows Hello face-authentication camera, TPM 2.0, and many more multi-factor authentication options
- Versatile I/O options including up to two Thunderbolt™ 4 and docking solutions



S510 3D demo



SPECIFICATIONS

운영 체제

Windows 11 Pro

CPU

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® Enterpriseⁱ
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® Enterpriseⁱ
Max. 4.9GHz with Intel® Turbo Boost Technology
- 12 MB Intel® Smart Cache

그래픽 컨트롤러

Intel® Graphics
옵션: NVIDIA® Quadro® RTX A500
discrete graphics controller^{ii, iii}

NPU

Intel® AI Boost

디스플레이

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

스토리지 & 메모리

16GB DDR5
옵션: 32GB / 64GB DDR5

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

옵션: Multimedia bay 2nd storage: 512GB /
1TB SATA SSD^{iii, iv, v}

키보드

LED backlit membrane keyboard

포인팅 장치

Touchscreen
- 옵션: Capacitive multi-touch screen touchpad
- Glide touchpad with multi-touch

오디오

Integrated stereo speakers
Integrated dual-array microphone

확장 슬롯

옵션: Smart card reader

Multimedia Bay

Weight saver
옵션: 1D/2D imager barcode readerⁱⁱⁱ
옵션: DVD super multi drive^{iii, iv, xvii}
옵션: 2nd Storage^{iii, iv, v}
옵션: NVIDIA® Quadro® RTX A500 discrete graphics controller^{ii, iii}

I/O 인터페이스

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
옵션: MicroSD x 1
LAN (RJ45) x 1
HDMI 2.0 x 1
Docking connector x 1
옵션: 5MP webcam x 1^{viii}
옵션: SIM card slot x 1 (Nano-SIM, 4FF)^{vi}
옵션: Windows Hello face-authentication 5MP camera
(front-facing) x 1^{viii}
옵션: RF antenna pass-through for GPS, WWAN and
WLAN
옵션: Thunderbolt™ 4 Type-C x 1ⁱ

Configurable I/O options :

- LAN (RJ45)^{viii} + Serial port (9-pin; D-sub) + VGA port (15-pin; D-sub)
- USB 3.2 Gen 1 Type-A + Serial port (9-pin; D-sub) + Display port

통신 인터페이스

10/100/1000 base-T Ethernet
Intel® Wi-Fi 7 BE200, 802.11be
Bluetooth (v5.4)^{ix}
옵션: 2.5GBASE-T Ethernet^{viii}
옵션: Dedicated GPS with L1/L5
옵션: 4G LTE mobile broadband with integrated GPS^{vi, xii}
옵션: 5G Sub-6 with integrated GPS^{vi, xii}
옵션: Dual SIM (Nano-SIM 4FF and e-SIM)^{vi, x}

보안 기능

TPM 2.0
Kensington lock
옵션: Intel® vPro® Technologyⁱ
옵션: Fingerprint reader
옵션: HF RFID reader^{xiii}
옵션: Windows Hello face-authentication 5MP camera
(front-facing)
옵션: Absolute Persistence®

전원

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

치수 & 무게

375 x 277 x 39mm (14.8" x 10.9" x 1.5")
2.35 kg (5.18lbs)^{xv}

견고성

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

사용가능 환경

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

소프트웨어

Getac Utility
Getac Geolocation
Getac Barcode Manager^{xviii}
옵션: Absolute Secure Endpoint
옵션: Absolute Secure Access

옵션:

Getac Driving Safety Utility
Getac Monitoring
Getac VGPS Utility^{xix}
악세서리
Battery (10.8V, typical 6900mAh; min. 6600mAh)
AC adapter (65W, 100-240VAC)
옵션:
Carry bag
Battery (10.8V, typical 6900mAh; min. 6600mAh)
Multimedia 2nd SSD^{iii, iv, v, xx}
Multimedia bay DVD super multi drive^{iii, iv, xix}
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^{xxi}
Spare SSD kit
100W Type-C adapter
Getac DS100 USB-C docking station with AC adapter

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S510 RUGGED LAPTOP

- I. vPro® Enterprise is available for configuration with two Thunderbolt™ 4 Type-C.
- II. NVIDIA® Quadro® RTX A500 discrete graphics controller is required to configure with dual battery and 90W AC adapter.
- III. NVIDIA® Quadro® RTX A500 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 option come with an embedded SIM card slot.
- VII. 5MP 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.

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

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



(주)씨에스글로비즈

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