

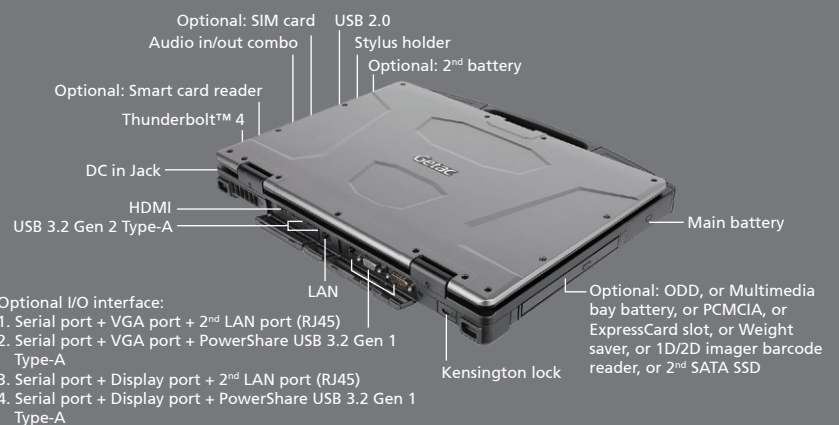


# S410 SEMI RUGGED NOTEBOOK

- 11th Generation Intel® Core™ i7 / i5 vPro™ Processor
- Optional Windows Hello face-authentication camera with IR sensor and fingerprint dual biometric authentication
- Thunderbolt™ 4 brings lightning speed and performance
- Greater flexibility and I/O options
- Wider range of operating temperatures of -29°C ~ 63°C (-20°F ~ 145°F)



Office dock



# Specifications

## Operating System

Windows 10 Pro

## Mobile Computing Platform

Intel® Core™ i3-1115G4 Processor  
Max. 4.1GHz with Intel® Turbo Boost Technology  
- 6MB Intel® Smart Cache

## Platform options:

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

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 (i5 / i7)  
Intel® UHD Graphics (i3)  
Optional: NVIDIA® GeForce® GTX 1650 4GB discrete graphics controller<sup>i,ii,iii</sup>

## Display

14" TFT LCD HD (1366 x 768)  
Protection film  
1,000 nits LumiBond® display with Getac sunlight readable technology

Optional: 14" TFT LCD HD (1366 x 768)  
1,000 nits LumiBond® display with Getac sunlight readable technology and capacitive multi-touch screen

Optional: 14" IPS TFT LCD FHD (1920 x 1080)  
1,000 nits LumiBond® display with Getac sunlight readable technology and capacitive multi-touch screen

## Storage & Memory

8GB DDR4  
Optional: 16GB / 32GB / 64GB DDR4

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

Optional: Multimedia bay 2<sup>nd</sup> storage: 256GB / 512GB / 1TB SATA SSD<sup>ii</sup>

## Keyboard

LED backlit membrane keyboard

## Pointing Device

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

## Expansion Slot

Optional: Smart card reader x 1

## Multimedia Bay

Weight saver  
Optional: 1D/2D imager barcode reader<sup>ii</sup>  
Optional: PCMCIA Type II<sup>ii</sup>  
Optional: ExpressCard/34 / 54<sup>i,ii,vi</sup>  
Optional: DVD super multi drive<sup>ii,v</sup>  
Optional: Multimedia bay battery<sup>ii,v</sup>  
Optional: Blu-Ray super multi drive<sup>ii,v</sup>  
Optional: 2<sup>nd</sup> storage<sup>ii,v</sup>

## 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 2  
Thunderbolt™ 4 x 1  
LAN (RJ45) x 1  
HDMI x 1  
Docking connector x 1  
Optional: FHD webcam x 1  
Optional: SIM card slot x 1  
Optional: Windows Hello face-authentication camera (front-facing) x 1  
Optional: RF antenna pass-through for GPS, WWAN and WLAN

## Configurable I/O options<sup>iii</sup>:

1. Serial port (9-pin; D-sub) + VGA port (15-pin; D-sub) + 2<sup>nd</sup> 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 + 2<sup>nd</sup> 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 6 AX201, 802.11ax  
Bluetooth (v5.2)<sup>iii</sup>  
Optional: Dedicated GPS<sup>iii</sup>  
Optional: 4G LTE mobile broadband with integrated GPS<sup>iii</sup>

## Security Feature

TPM 2.0  
Kensington lock  
Optional: Intel® vPro™ Technology  
Optional: HF RFID reader<sup>iv,ix</sup>  
Optional: Fingerprint reader  
Optional: Smart card reader  
Optional: Windows Hello face-authentication camera (front-facing) x 1

## 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)<sup>ii</sup>  
Optional: Multimedia bay battery (11.1V, typical 4200mAh; min. 3980mAh)<sup>ii</sup>  
Optional: 2<sup>nd</sup> 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)<sup>iv</sup>

## Rugged Feature

MIL-STD-810H certified  
IP53 certified  
Splash resistant keyboard  
Vibration & 3ft (0.9m) drop resistant<sup>ii</sup>  
Sealed ports and connectors  
Shock-protected removable SSD

## Environmental Specification

Temperature<sup>iii</sup>:  
- Operating: -29°C to 63°C / -20°F to 145°F<sup>iii</sup>  
- Storage: -51°C to 71°C / -60°F to 160°F  
Humidity:  
- 95% RH, non-condensing

## Pre-installed Software

Getac Utility  
Getac Geolocation  
Optional: Getac Barcode Manager<sup>xx</sup>  
Optional: Absolute Persistence®

## Accessories

Battery (10.8V, typical 6900mAh; min. 6600mAh)  
AC adapter (90W, 100-240VAC, 50/60Hz)  
Capacitive stylus with tether

## Optional:

Carry bag  
2<sup>nd</sup> battery (10.8V, typical 6900mAh; min. 6600mAh)  
Multimedia 2<sup>nd</sup> SSD<sup>ii</sup>  
Multimedia bay battery (11.1V, typical 4200mAh; min. 3980mAh)<sup>ii</sup>  
Multi-Bay charger (Dual-Bay)  
Multi-Bay charger (Eight-Bay)  
Optional: AC adapter (120W, 100-240VAC, 50/60Hz)<sup>ii</sup>  
DC-DC vehicle adapter (120W, 11-32VDC)  
Capacitive stylus with tether  
Protection film  
Vehicle dock  
Office dock  
100W Type-C adapter<sup>xx</sup>

- Factory option. Not user swappable.
- 120W AC adapter is used for office dock and for device configured with discrete graphics card.
- NVIDIA® GeForce® GTX 1650 4GB discrete graphics controller, PCMCIA, Blu-Ray, DVD super multi drive, Express card, Multimedia bay battery, 1D/2D imager barcode reader and 2<sup>nd</sup> storage are mutually exclusive options.
- 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.
- Trained user swappable.
- HF RFID reader and express card are mutually exclusive.
- 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.
- Dedicated GPS is mutually exclusive with 4G LTE mobile broadband. Supports GPS and Glonass.
- 13.56MHz HF RFID/NFC reader (ISO 15693, 14443 A/B, Mifare and FeliCa™ compliant).
- Weight and dimensions vary from configurations and optional accessories.
- Drop test results vary from configurations and optional accessories.
- Tested by an independent third-party test lab following MIL-STD-810H.
- For S410 optional DVD super-multi drive, the operating temperature is -10°C to 60°C / 14°F to 140°F.
- Available when barcode reader option is selected.
- Do not support the configurations with discrete graphics card.

# S410

## Semi Rugged Notebook



## Docking Solutions

	Vehicle Dock	Office Dock
Serial Port	1	1
External VGA	1	1
Microphone	1	1
Audio Output	1	1
DC in Jack	1	1
USB	4	USB 3.0 x 1 USB 2.0 x 3
LAN	1	1
HDMI	1	1
RF Antenna Connector	3 (WWAN, WLAN, GPS)	--

# Getac

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