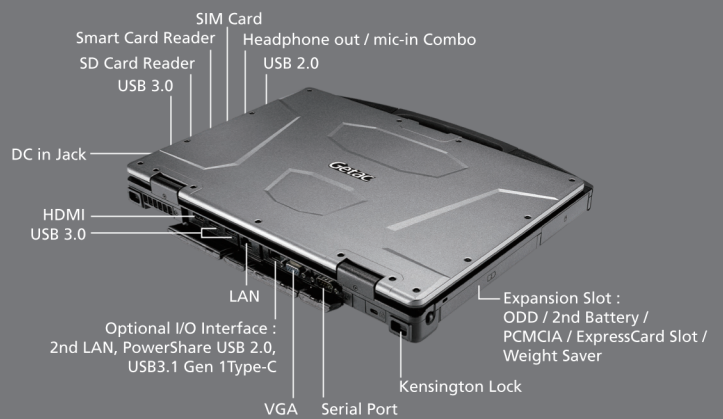# S410
SEMI RUGGED NOTEBOOK

- 8th Generation Intel® Core™ i7 / i5 vPro™ Processor

- Optional Windows Hello face-authentication camera with IR sensor and fingerprint dual biometric authentication

- Low frequency and High frequency RFID able to read wider range of credential

- Greater flexibility and I/O options

COMPLIANT MIL-STD 810G

INGRESS PROTECTION IP52

3' Drop

Office Dock

SIM Card
Smart Card Reader
SD Card Reader
USB 3.0

Headphone out / mic-in Combo
USB 2.0

DC in Jack

HDMI
USB 3.0

LAN

Optional I/O Interface :
2nd LAN, PowerShare USB 2.0,
USB3.1 Gen 1Type-C

VGA   Serial Port

Kensington Lock

Expansion Slot :
ODD / 2nd Battery /
PCMCIA / ExpressCard Slot /
Weight Saver

Rugged Mobile Computing Solutions

Specifications

Operating System
Windows 10 Pro

Mobile Computing Platform
Platform Options:

Intel® Core™ i3 Technology
Intel® Core™ i3-7100U Processor 2.4GHz
- 3MB Intel® Smart Cache

Intel® Core™ i5 Technology
Intel® Core™ i5-8250U Processor 1.6GHz
Max. 3.4 GHz with Intel® Turbo Boost Technology
- 6MB Intel® Smart Cache

Intel® Core™ i5 vPro™ Technology
Intel® Core™ i5-8350U vPro™ Processor 1.7GHz
Max. 3.6 GHz with Intel® Turbo Boost Technology
- 6MB Intel® Smart Cache

Intel® Core™ i7 Technology
Intel® Core™ i7-8550U Processor 1.8 GHz
Max. 4.0 GHz with Intel® Turbo Boost Technology
- 8MB Intel® Smart Cache

Intel® Core™ i7 vPro™ Technology
Intel® Core™i7-8650U vPro™ Processor 1.9GHz
Max. 4.2 GHz with Intel® Turbo Boost Technology
- 8MB Intel® Smart Cache

VGA Controller
Intel® HD Graphics 620 (i3)
Intel® UHD Graphics 620 (i5/ i7)
Optional NVIDIA® GeForce® GTX 950M 4GB discrete graphic controller

Display
14" TFT LCD HD (1366 x 768)
Optional 1000 nits LumiBond® display with Getac sunlight readable technology
Capacitive multi-touch screen

Optional 14" IPS TFT LCD FHD (1920 x 1080)
Optional 800nits LumiBond® display with Getac sunlight readable technology
Capacitive multi-touch screen

Storage & Memory
4GB DDR4 expandable to 32GB
Main Storage:
SATA HDD 500GB; Optional SATA HDD 1TB
Optional SATA SSD 128GB/256GB/512GB/1TB
Optional 2nd Storage (onboard): 128GB SSD

Keyboard
Membrane keyboard
Optional LED backlit membrane keyboard

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

Expansion Slot
SD card reader x 1
Optional Smart Card reader x 1

Multimedia Bay
Optional PCMCIA Type II[i]
Optional ExpressCard34/54[i]
Optional DVD super multi drive[i]
Optional 2nd battery[i]

I/O Interface
Headphone out/mic-in Combo x 1
DC in Jack x 1
USB3.0 (9-pin) x 3
USB2.0 (4-pin) x 1
LAN (RJ45) x 1
HDMI x 1
Docking Connector (16-pin) x 1
Optional Serial port (9-pin; D-sub) x 1
Optional VGA Port (15-pin; D-sub) x 1[ii]
Optional SIM card slot x 1
Optional FHD Webcam x 1
Optional Windows Hello face-authentication camera (front-facing) x 1
Optional RF antenna pass-through for GPS, WWAN and WLAN
Optional PowerShare USB 2.0 or LAN (RJ45) x 1 or USB3.1 Gen 1Type-C x 1[iii]

Communication Interface
Intel® Dual Band Wireless-AC 8265, 802.11ac
Bluetooth (v4.2)[iv]
Optional dedicated GPS
Optional 4G LTE mobile broadband

Security Feature
Optional Intel® vPro™ Technology
TPM 2.0
Optional Fingerprint scanner
Optional Smart Card reader
Optional Windows Hello Webcam
Optional LF/HF RFID[v]
Kensington Lock

Power
AC adapter (65W, 100-240VAC, 50 / 60Hz)
Optional AC adapter (120W, 100-240VAC, 50 / 60 Hz)
Li-Ion battery (11.1V, 4200mAh)[vi]
Optional 2nd battery

Dimension (W x D x H) & Weight
Without Discrete GPU:
350 x 293 x 34.9 mm (13.8" x 11.5" x 1.4")2.2kg (4.9lbs)[vii]

With Discrete GPU:
350 x 293 x 42.6 mm (13.8" x 11.5" x 1.7")2.7Kg (5.9lbs)[vii]

Rugged Feature
MIL-STD-810G certified and IP52 certified
Splash resistant keyboard
3 feet drop resistant
Sealed ports and connectors
Shock-protected removable HDD
Vibration resistant

Environmental Specification
Temperature[viii]:
 - Operating: -21°C to 60°C / -5.8F to 140°F[ix]
 - Storage: -51°C to 71°C / -60°F to 160°F
Humidity:
 - 95% RH , non-condensing

Software
Getac Utility
Adobe® Reader®
Optional Absolute DDS® Persistence

Accessories
Carry bag
Main battery (11.1V, 4200mAh)
2nd battery (11.1V, 4200mAh)
Multi-Bay Charger (Dual Bay)
Multi-Bay Charger (Eight Bay)
Vehicle adapter (120W)
AC adapter (65W, 100-240V AC)
AC adapter (120W, 100-240V AC)
Capacitive stylus & tether
Protection film
Vehicle dock
Office dock

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i PCMCIA, DVD super multi drive, Express Card and 2nd battery are mutually exclusive options. Express Card and HF RFID are multually exclusive options.
ii VGA and USB3.1 Gen 1 Type-C are mutually exclusive options.
iii PowerShare USB 2.0, 2nd LAN (RJ45) and USB3.1 Gen 1 Type-C 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 LF(125kHz) / HF(13.56MHz) Combo HF RFID/NFC reader (iClass, HID Prox compliant, ISO 15693, 14443 A/B, Mifare, FeliCa™).
vi Battery life testing conducted under MobileMark 2014. Battery performance will vary upon software applications, wireless settings, power management settings, LCD brightness, customized modules and environmental conditions. The battery has a limited number of charge cycles and may eventually need to be replaced by a Getac service provider. Battery life and charge cycles vary by use and settings.
vii Weight and dimensions vary from configura-tions and optional accessories.
viii Tested by a national independent third party test lab following MIL-STD-810G.
ix For S410 optional DVD Super-Multi Drive, the operating temperature is -10°C to 60°C / 14°F to140°F .

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	4
LAN	1	1
HDMI	1	1
RF Antenna Connector	3 (WWAN, WLAN, GPS)	--

Getac (UK) Ltd.
Getac House, Stafford Park 12,
Telford, Shropshire TF3 3BJ, United Kingdom
Tel : +44 (0) 1952 207 222
Sales-Getac-UK@getac.com │ en.getac.com

INSERT LOGO

COMPANY NAME

Insert company address