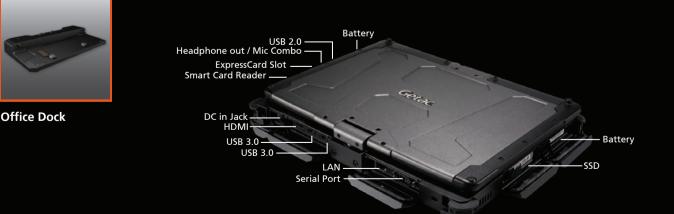# Getac

Rugged Mobile Computing Solutions

V110

Fully Rugged Convertible Notebook

- **Enhanced Enterprise Security with optional Intel vPro, Windows Disk Encryption, TPM 2.0 and many more multi-factor authentication options**

- **6th Generation Intel® Core™ i7 / i5 vPro™ Processor**

- **11.6'' LumiBond® 2.0 Display with Getac Sunlight Readable Technology and Capacitive Touchscreen**

- **LifeSupport™ battery swappable technology**

- **Optional Dual Mode Touchscreen (multi-touch and digitizer)**

- **Reliable, Speedy Solid-State Driver Storage**

CERTIFIED MIL-STD 461F · CERTIFIED MIL-STD 810G · INGRESS PROTECTION IP65 · CERTIFIED ANSI · e

Office Dock

Battery
USB 2.0
Headphone out / Mic Combo
ExpressCard Slot
Smart Card Reader

DC in Jack
HDMI
USB 3.0
USB 3.0

LAN
Serial Port

Battery
SSD

Specifications

Operating System	Windows® 7 Professional Windows® 10 Professional
Mobile Computing Platform	Intel® Core™ i7 Technology Intel® Core™ i7-6500U Processor 2.5GHz Max. 3.1GHz with Intel® Turbo Boost Technology - 4MB Intel® Smart Cache Intel® Core™ i7 vPro™ Technology Option Intel® Core™ i7-6600U vPro™ Processor 2.6GHz Max. 3.4Hz with Intel® Turbo Boost Technology - 4MB Intel® Smart Cache Intel® Core™ i5 Technology Intel® Core™ i5-6200U Processor 2.3GHz Max. 2.8GHz with Intel® Turbo Boost Technology - 3MB Intel® Smart Cache Intel® Core™ i5 vPro™ Technology Optional Intel® Core™ i5-6300U vPro™ Processor 2.4GHz Max. 3.0GHz with Intel® Turbo Boost Technology - 3MB Intel® Smart Cache
VGA Controller	Intel® HD Graphics 520
Display	11.6" TFT LCD HD (1366 x 768) 800 nits LumiBond® display with Getac sunlight readable technology Capacitive multi-touch screen
Storage & Memory	4GB DDR4 expandable to 16GB SSD 128GB / 256GB / 512GB
Keyboard	LED backlit membrane keyboard Optional Rubber Keyboard
Pointing Device	Touchscreen - Capacitive multi-touch screen - Optional dual mode touchscreen (multi-touch and digitizer) Touchpad - Glide touchpad with multi-touch
Expansion Slot	ExpressCard/54 x 1 Smart card reader x 1
I/O Interface	FHD webcam x 1 Serial port (9-pin; D-sub) x 1 Headphone out / mic-in Combo x 1 DC in Jack x 1 USB 3.0 (9-pin) x 2 USB 2.0 (4-pin) x1 LAN (RJ45) x 1 HDMI x 1 Docking connector (24-pin) x 1 Optional 8M pixels auto focus rear camera x1 Optional RF antenna pass-through for GPS, WLAN and WWAN

Communication Interface	10/100/1000 base-T Ethernet Intel® Dual Band Wireless-AC 8260; 802.11ac Bluetooth (v4.2)[i] Optional dedicated GPS Optional Gobi™ mobile broadband
Software	Getac Utility Getac Camera Getac Geolocation Adobe® Reader®
Security Feature	Option Intel® vPro™ Technology TPM 2.0 Optional RFID and contactless smart card reader[ii] Option fingerprint scanner Kensington lock
Power	AC Adapter (65W, 100-240VAC, 50/60 Hz) Li-Ion battery (11.1V, 2100mAh) x 2 (up to 13 hours of battery life)[iii]
Dimension (W x D x H) & Weight	299 x 223 x 34 mm (11.77" x 8.78" x 1.34"), 1.98 Kg (4.36 lbs)[iv]
Rugged Feature	MIL-STD-810G certified and IP65 certified MIL-STD-461F certified[v] Optional ANSI/ISA 12.12.01 Optional MIL-STD-810G Salt fog certified Vibration & drop resistant e4 Mark certified for vehicle usage
Environmental Specification	Temperature[vi]: - Operating: -21°C to 60°C / -5.8°F to 140°F - Storage: -40°C to 71°C / -40°F to 160°F Humidity: - 95% RH , non-condensing
Optional Accessories	Carry bag Battery charger Multi-Bay Charger (Eight-Bay) Vehicle adapter (90W, 11-16VDC and 22-32VDC) MIL-STD-461F certified AC adapter (90W, 100-240VAC) Digitizer Pen Capacitive Stylus (Hard-tip) Protection film X strap Shoulder strap (2-point) Hard Handle Main battery (11.1V, 2100mAh) AC adapter (65W, 100-240VAC) Vehicle dock Office dock

Docking Solutions

	Serial Port	External VGA	Microphone	Audio Output	DC in Jack	USB	LAN	HDMI	RF Antenna Connector (GPS,WWAN,WLAN)
Vehicle Dock	2	1	1	1	1	4	1	1	3
Office Dock	2	1	1	1	1	4	1	1	--

i   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.
ii   13.56MHz Contactless RFID/NFC reader (ISO 15693, 14443 A/B, Mifare and FeliCa™ compliant).
iii   Battery life testing conducted under MobileMark 2007. 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.
iv   Weight varies from configurations and optional accessories.
v   MIL-STD-461F 90W AC adapter sold separately.
vi   Tested by a national independent third party test lab following MIL-STD-810G.