

# 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



Office Dock





## Specifications

<b>Operating System</b>	Windows 10 Professional Windows 7 Professional	<b>Communication Interface</b>	10/100/1000 base-T Ethernet Intel® Dual Band Wireless-AC 8260; 802.11ac Bluetooth (v4.2) <sup>i</sup> Optional dedicated GPS Optional 4G LTE mobile broadband
<b>Mobile Computing Platform</b>	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	<b>Software</b>	Getac Utility Getac Camera Getac Geolocation Adobe® Reader® Optional Absolute DDS® Persistence
<b>VGA Controller</b>	Intel® HD Graphics 520	<b>Security Feature</b>	Optional Intel® vPro™ Technology TPM 2.0 Optional RFID and contactless Smart Card reader <sup>ii</sup> Optional fingerprint scanner Kensington lock
<b>Display</b>	11.6" IPS TFT LCD HD (1366 x 768) 800 nits LumiBond® display with Getac sunlight readable technology Capacitive multi-touch screen	<b>Power</b>	AC Adapter (65W, 100-240VAC, 50/60 Hz) Li-Ion battery (11.1V, 2100mAh) x 2 (up to 13 hours of battery life) <sup>iii</sup> LifeSupport™ battery swappable technology
<b>Storage &amp; Memory</b>	4GB DDR4 expandable to 16GB OPAL 2.0 SSD 128GB / 256GB / 512GB / 1TB	<b>Dimension (W x D x H) &amp; Weight</b>	299 x 223 x 34 mm (11.77" x 8.78" x 1.34"), 1.98 Kg (4.36 lbs) <sup>iv</sup>
<b>Keyboard</b>	LED backlit membrane keyboard Optional Rubber Keyboard	<b>Rugged Feature</b>	MIL-STD-810G certified and IP65 certified MIL-STD-461F certified <sup>v</sup> Optional ANSI/ISA 12.12.01 Optional Salt fog certified Vibration & drop resistant e-Mark certified for vehicle usage
<b>Pointing Device</b>	Touchscreen - Capacitive multi-touch screen - Optional dual mode touchscreen (multi-touch and digitizer) Touchpad - Glide touchpad with multi-touch	<b>Environmental Specification</b>	Temperature <sup>vi</sup> : - Operating: -21°C to 60°C / -5.8°F to 140°F - Storage: -51°C to 71°C / -60°F to 160°F Humidity: - 95% RH, non-condensing
<b>Expansion Slot</b>	ExpressCard/54 x 1 Smart Card reader x 1	<b>Optional Accessories</b>	Carry bag Multi-Bay Charger (Dual Bay) 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
<b>I/O Interface</b>	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		

### 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	--

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



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