Getac

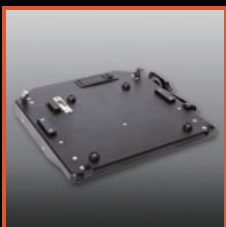**Rugged Mobile Computing Solutions**

V110

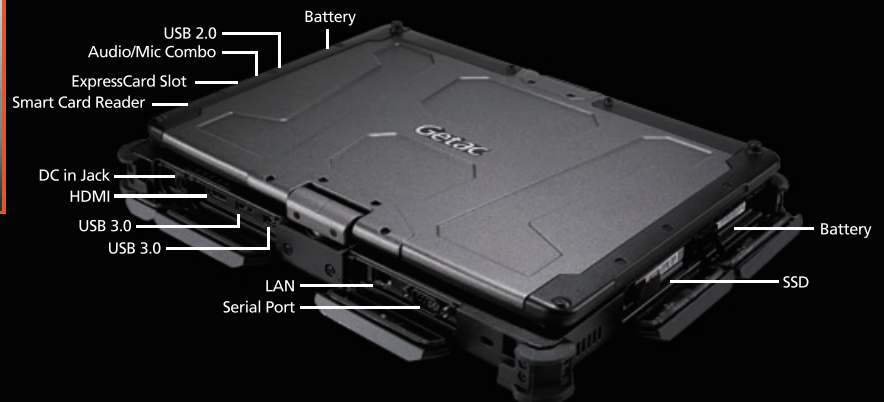## *Fully Rugged Convertible Notebook*

- **4th Generation Intel® Core™ i7 / i5 vPro™ Processor**

- **11.6'' Getac Sunlight Readable Display: 800 Nits with 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 e4

Vehicle Dock   **Office Dock**

USB 2.0
Audio/Mic Combo
ExpressCard Slot
Smart Card Reader
Battery

DC in Jack
HDMI
USB 3.0
USB 3.0
Battery

LAN
Serial Port
SSD

Rugged Mobile Computing Solutions

Specifications

Operating System
Windows® 7 Professional
Windows® 8 Professional

Mobile Computing Platform
Intel® Core™ i7 vPro™ Technology
- Intel® Core i7-4600U vPro™ Processor 2.1GHz,
  Max. 3.3GHz with Intel® Turbo Boost Technology
- 4MB L3 Intel® Smart Cache

Intel® Core™ i5 vPro™ Technology
- Intel® Core i5-4300U vPro™ Processor 1.9GHz,
  Max. 2.9GHz with Intel® Turbo Boost Technology
- 3MB L3 Intel® Smart Cache

VGA Controller
Intel® HD Graphics 4400

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 DDR3L expandable to 8GB
SSD 128GB / 180GB / 256GB

Keyboard
LED backlit membrane 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
HD 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 5M pixels 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 7260; 802.11ac
Bluetooth (v4.0 class 1)[i]
Optional SiRFstarIV™ GPS
Optional Gobi™ mobile broadband

Software
Getac Utility
Getac Camera
Getac V-GPS
Adobe® Reader®

Security Feature
Intel® vPro™ Technology
TPM 1.2
Optional RFID and contactless smart card reader[ii]
Kensington lock

Power
AC Adapter (65W, 100-240VAC, 50/60 Hz)
Li-Ion smart battery (11.1V, 2100mAh) x 2
(up to 13 hours of battery life)[iii]
LifeSupport™ battery swappable technology

Dimension (W x D x H) & Weight
299 x 223 x 34 mm (11.77" x 8.78" x 1.34"),
1.98Kg (4.36 lbs)[iv]

Rugged Feature
MIL-STD-810G certified and IP65 certified
MIL-STD-461F certified[v]
Optional ANSI/ISA 12.12.01
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

Accessories
Carry bag
Battery charger
Vehicle adapter (90W, 11-16VDC and 22-32VDC)
MIL-STD-461F certified AC adapter (90W, 100-240VAC)
Digitizer Pen
Capacitive Stylus
Protection film
X strap
Shoulder strap (2-point)
Main battery (11.1V, 2100mAh)
AC adapter (65W, 100-240VAC)
Vehicle cradle
Vehicle dock
Office dock

Docking Solutions

	Dimension (W x D x H)	Serial Port	External VGA	Microphone	Audio Output	DC in Jack	USB	LAN	HDMI	RF Antenna Connector (GPS, WWAN, WLAN)
Vehicle Dock	294.6 x 273.1 x 35.1 mm (11.6" x 10.8" x 1.4")	2	1	1	1	1	4	1	1	3
Office Dock	302.6 x 155.6 x 38.3 mm (11.9" x 6.1" x 1.5")	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 and Smart Card reader (ISO 15693 and 14443 A/B 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.

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