ASSURED
SYSTEMS

Getac

Windows®. Life without Walls™.
Getac recommends Windows 7.

Getac V100
Fully Rugged Convertible Notebook

Superior Convertible Notebook
with Cutting Edge Technology
The Best Outdoor Mission Propeller

V100
Fully Rugged
Convertible Notebook

Rugged Mobile Computing Solutions

V100   *Fully Rugged* **Convertible Notebook**

Glove Multi-touch	QuadraClear™ Technology	Dual Touch	GPS	Backlit Keyboard	3.5G WWAN

- Notebook-to-tablet Convertible Mode
- Getac QuadraClear™ Sunlight Readable Technology: 1200 Nits with Touchscreen
- Water Resistant Reversible Webcam
- Full Magnesium Alloy Case with Hand Strap
- Shock-protected Removable HDD
- Integrated GPS and Wireless Access
- MIL-STD-810G Certified and IP65 Certified
- Optional Glove-friendly Multi-touch LCD
- Optional EU Explosive Atmosphere ATEX Certified[v]

The Getac V100 Fully Rugged Notebook transforms with one quick rotation to a Rugged Tablet PC. Designed with the real-world in mind, the V100 is equipped with multi-touch solution for professionals without taking off the gloves under critical environments. Getac V100 is both MIL-STD-810G certified and IP65 certified, composing a magnesium alloy case, a shock-protected HDD, vibration and drop resistance, and sealed I/O caps and doors to prevent damage from solid particles and moisture.

With an Ultra Low Voltage Intel® Core™ i7 vPro™ Processor, the V100 boasts a quiet fan-less design and the power you need for various sophisticated applications.

The V100 features a 10.4" LCD display. A full-sized 83-key keyboard is included with an option to upgrade to a backlit rubber keyboard. The V100 is great for field applications by it's integrated 2M pixels webcam and GPS receiver.

The V100 provides comprehensive connectivity options including Bluetooth, WLAN and WWAN, and the advanced TPM security to safeguard important data.

Interface

Back Side
- Audio Output × 1
- Microphone × 1
- (Default) External VGA × 1
- Serial Port x 1

Left Side
- DC in Jack × 1
- USB 2.0 × 1
- USB 2.0 / eSATA Combo x 1
- Modem (RJ11) × 1
- LAN (RJ45) × 1
- (Default) PCMCIA x 1, Smart Card Reader x 1, SD Card Reader x 1
- (Option) PCMCIA x 1, ExpressCard / 54 x 1, SD Card Reader x 1

Right Side
- Battery × 1
- HDD × 1

Rugged Mobile Computing Solutions

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Industry Applications

Field Service

Field maintenance workers often need to wear gloves for the sake of safety while operating computers to immediately report their work status. V100 is the world's first ever industrial laptop with a resistive type multi-touch screen as the most efficient solution that makes operating computers with gloves a non-issue for field maintenance workers. The industry-leading QuadraClear™ sunlight readable display of V100 also effectively facilitates outdoor operations.

Utilities

Featuring Intel® Core™ i7 vPro™ Processor with Turbo boost technology making fully rugged notebook V100 best suit for maintenance workers and pipeline inspectors to have incredible performance under very critical moments and environments. V100 is also equipped with integrated 2M pixels webcam, GPS receiver and 3.5G WWAN enable users to accurately and efficiently report their work status for various sophisticated applications.

Transportation/Distribution

The notebook-to-tablet V100 features great portability. Equipped with vehicle dock, V100 is highly applicable to different circumstances, especially ideal for the logistics industry as it withstands the sharp vibration and extreme temperature. V100 is MIL-STD-810G certified and IP 65 certified to work effectively and smoothly throughout any transport assignments.

Optional Accessories

Vehicle Dock
W x D x H: 299 x 275 x 39mm
(11.77" x 10.83" x 1.54")

- DC in Jack × 1
- USB 2.0 × 4
- Serial port x 2
- Audio output x 1
- Microphone × 1
- Video capture x 1
- LAN(RJ45) x1

Office Dock
W x D x H: 310 x 120 x 45mm
(12.2" x 4.72" x 1.77")

- DC in Jack × 1
- USB 2.0 × 4
- Serial port x 1
- Parallel x 1
- External VGA x 1
- Audio output x 1
- Microphone × 1
- LAN(RJ45) x1

Carry Bag

Battery Charger

Main Battery
(7800 mAh)

AC Adapter
(60W, 100-240 VAC)

Vehicle Adapter
(90W, 11-16 VDC and 22-32 VDC)

MIL-STD-461F Certified AC Adapter
(90W, 100-240VAC)

Stylus

Digitizer Stylus

Protection Film

X Strap

Specifications

Operating System	Genuine Windows® 7 Professional Genuine Windows Vista® Business		**Software**	Getac Utility Getac Camera Getac V-GPS Adobe® Reader® Computrace® Compatible BIOS
Mobile Computing Platform	Intel® Core™ i7 vPro™ Technology - Intel® Core™ i7-640UM vPro™ Processor 1.2GHz, Max. 2.26GHz with Intel® Turbo Boost Technology - 4MB L3 Intel® Smart Cache - Mobile Intel® QM57 Express chipset		**Security Feature**	Intel® vPro™ Technology TPM 1.2 Optional fingerprint scanner Optional smart card reader Kensington lock
VGA Controller	Intel® Graphics Media Accelerator HD[i]		**Power**	AC Adapter (60W, 100-240VAC, 50 / 60 Hz) Li-Ion smart battery (7800mAh)[ii] Optional Li-Ion smart battery (5200mAh)
Display	10.4" TFT LCD XGA (1024 x 768) 1200 nits QuadraClear™ sunlight readable display with multi-touch screen		**Dimension (W x D x H) &** **Weight**	290 x 222 x 49 mm (11.4" x 8.74" x 1.93"), 2.5 kg (5.51 lbs)[iii]
Storage & Memory	2GB DDR3 expandable to 8GB SATA HDD 320GB Optional SATA SSD 80GB / 160GB		**Rugged Feature**	MIL-STD-810G certified and IP65 certified MIL-STD-461F certified[iv] Optional UL1604 Class 1, Division 2, Group A, B, C, D Full magnesium alloy case Shock-protected removable HDD Vibration & drop resistant Optional EU Explosive Atmosphere ATEX Certified[v] Optional night vision
Keyboard	Membrane keyboard Optional LED backlit membrane keyboard Optional LED backlit rubber keyboard			
Pointing Device	Touchscreen - Pressure sensitive multi-touch screen - Optional dual mode touchscreen (multi-touch and digitizer) Touchpad - Glide touchpad with scroll bar - Optional resistive touchpad		**Environmental Specification**	Temperature[vi]: - Operating: -20°C to 60°C / -4°F to 140°F - Storage: -51°C to 71°C / -60°F to 160°F Humidity: - 95% RH , non-condensing
Expansion Slot	PCMCIA Type II x 1 ExpressCard/54 x 1 Optional smart card reader (occupies one PCMCIA Type II slot) x 1 SD card reader x 1			
I/O Interface	2M pixels webcam x 1 Serial port (9-pin; D-sub) x 1 External VGA (15-pin; D-sub) x 1 Microphone (Mini-jack) x 1 Audio output (Mini-jack) x 1 DC in Jack x 1 USB 2.0 (4-pin) x 1 USB 2.0 / eSATA Combo x 1 Modem (RJ11) x 1 LAN (RJ45) x 1 Optional second LAN(RJ45) (occupies one RJ11) x 1 Docking connector (100-pin) x 1 RF antenna pass-through for WLAN and WWAN			
Communication Interface	10/100/1000 base-T Ethernet 56K ITU V.92 modem Intel® Centrino® Advanced-N 6200; 802.11 a/b/g/n Bluetooth (v2.1+EDR class 2) Optional GPS Optional Gobi™2000 mobile broadband			

i   Share memory size may vary by different operating system and RAM size.

ii   Battery life testing conducted under BatteryMark 4.0.1. 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.

iii   Weight varies from configurations and optional accessories.

iv   MIL-STD-461F 90W AC adapter sold separately.

v   The ATEX configuration, V100-Ex, is certified for use in hazardous location zone 2. For more details, please visit Getac website.

vi   Tested by a national independent third party test lab following MIL-STD-810G.

CERTIFIED MIL-STD 810G   CERTIFIED MIL-STD 461F   INGRESS PROTECTION IP65   UL1604   ATEX

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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