

GETAC V100-ATEX Fully Rugged Convertible Notebook

In one quick rotation the Getac V100-ATEX Rugged Laptop transforms into a tablet PC. Designed with the industrial environment in mind the Getac V100-ATEX is both MIL-STD 810G certified and IP65 compliant and composes of a magnesium alloy case, a shock-protected HDD, with sealed I/O caps and covers to prevent ingress damage.



Getac

Featuring an Intel® Core™ Processor with Turbo boost technology the Getac V100-ATEX rugged notebook is an invaluable tool that gives maintenance Engineers and inspectors incredible performance at even the most critical of moments no matter how harsh the environment. The Getac V100-ATEX features a 10.4" LCD Display and a full-sized keyboard with an optional backlit rubber keyboard upgrade available.

The Getac V100-ATEX can also equipped with integrated 2M pixel webcam, a GPS receiver and with optional 3.5G WWAN operators are able to efficiently report their work status with great accuracy in real-time. The Getac V100-ATEX provides comprehensive connectivity options including Bluetooth, WLAN, WWAN and the advanced TPM security to safeguard important data.

Key Features

- EU Explosive Atmosphere ATEX Zone 2 / 22 certified
- Assorted display 10.4" TFT LCD XGA
- Display Convertible for Laptop or Tablet-PC
- Getac QuadraClear™ sunlight readable display: Up to 1200 Nits with touchscreen
- Integrated GPS and wireless access capable
- Water resistant reversible webcam
- MIL-STD 810G certified and IP65 compliance
- Full magnesium alloy case
- Shock-protected removable HDD



Rugged Systems is one of Europe's leading suppliers of rugged, mobile computer, display and communications solutions and services. Specialising in applications such as test & measurement, command and control, data acquisition, secure data & computing, TEMPEST and ultra-reliable message transfer over noisy tactical communication channels. The company strives to be innovative and provide cost effective solutions, through many years of knowledge and experience

Getac V100-ATEX

Specifications



FUNCTIONAL

Processor	Intel® Centrino® Technology Intel® Core™2 Duo Processor SU9400 1.4GHz 800 MHz FSB 3MB L2 cache Intel® GS45 chipset
Memory	1GB DDR2 expandable to 4GB
Storage	SATA HDD 160GB/320GB
Display	10.4" TFT LCD XGA (1024 x 768) 1200 nits QuadraClear™ sunlight readable display with touchscreen
VGA Controller	Intel® Graphics Media Accelerator X4500HD Max. 384MB shared memory
Keyboard	Waterproof Membrane keyboard (QWERTZ, QWRTY or AZERTY)
Pointing Device	Touchscreen: Pressure sensitive touchscreen Touchpad: Glide touchpad with scroll bar
I/O Ports	1 x Serial port (9-pin; D-sub) x 1 1 x External VGA (15-pin; D-sub) 1 x Microphone (Mini-jack) 1 x Audio output (Mini-jack) 1 x DC in Jack 2 x USB 2.0 (4-pin) 1 x Modem (RJ11) 1 x LAN (RJ45) 1 x Docking connector
Integrated Communications	10/100/1000 base-T Ethernet 56K ITU V.92 modem Intel® WiFi Link 5300; 802.11 a/b/g/Draft N Bluetooth (v2.0+EDR class 2) Advanced configuration also includes an additional GSM and GPRS/EDGE/UMTS/HSDPA module
Security Feature	TPM 1.2, Smart card reader, Kensington Lock
Integrated Camera	2MegaPixel Camera
Operating System	Microsoft Windows 7 Professional, Windows XP Tablet Edition

ENVIRONMENTAL (MIL-STD 810G)

Temperature	Operating Temperature: -20°C to 55°C / -4°F to 131° F Storage Temperature: -40°C to 70°C / -40°F to 15 8°F
Water/Dust	IP65 – Dust to 510.4 and Water to 506.4 Proc III
Humidity	-5% to 95% RH, non-condensing
Vibration	Method 514.5, Proc 1, Category 24
Drop	100cm Height free drop 26 times on to plywood and 6 times on to concrete plate
Altitude	15,000 ft
EU Explosive Atmosphere	ATEX Zone 2/22 certified Ex- II 3 G Ex ic IIC T4 Ex- II 3 D Ex ic D 22 T130°C Ta -20 °C ... +50 °C

PHYSICAL

Dimensions	289.68 x 222 x 49 mm (11.4"x 8.74" x 1.93")
Weight	2.3 kg (5.07 lbs)
Structure	Full magnesium alloy case; Moisture- and dust-resistant LCD, keyboard and touchpad; Sealed port and connector covers; Shock-mounted HDD; Rugged hinge

ELECTRICAL

AC Input	AC 100V-240V 50/60Hz 60W, Auto Sensing/Switching world-wide power supply Optional AC Adapter(90W, 100-240V, 50/60 Hz)
Battery	Lithium Ion battery pack (7800mAh 10.65V, 5.7Ah); Standard battery life 6.7 hours, option 10 hours

OPTIONS

EMI / EMC	MIL-STD-461F certified
Safety	EU Explosive Atmosphere ATEX certified & UL1604 Class 1, Division 2 Groups A,B,C & D
Integrated Options	3G (EVDO or HSDPA/HSUPA) solution, GPS with integrated antenna, Vehicle & Desk Port Replicator's Available
Port Replicators	
Other	Battery Pack, Battery Charger, External Combo Drive (USB), Spare AC Adapter

Information in this document is subject to change without notice.



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