

GETAC PS535 Fully Rugged PDA

The new fully rugged PS535F from Getac with a high sensitivity GPS receiver, E-Compass, altimeter and a 3M pixels auto-focus camera, is perfect for GIS applications. It is equipped with built-in WiFi, and Bluetooth.

The embedded 2GB NAND Flash memory plus an external SD memory card of up to 8GB ensure extensive data process and storage. Above and bey has been neatly integrated in this world's smallest rugged P performance in any harsh environment.



About Getac Products

Getac offers a complete line of rugged notebooks, tablet PCs and handheld mobile computers for tasks performed in demanding weather conditions and extreme working environments. All of the Getac products are built with superior technologies and specifications that are aimed to meet and exceed virtually every industry's requirements of durability and in-the-field high performance.

Why Rugged?

Getac's rugged mobile computing solutions have embraced the most rigid rugged standards to survive the most challenging environments without attrition in performance. They are pertinent for professionals who require dependable computer systems to fully function with exposure to dirt, dust, humidity, motion, vibration, change of temperature or any other harsh factor that would easily paralyse or damage commercial grade devices.

Key Features

- MIL-STD-810F and IP54 compliance
- Microsoft Windows Mobile 6.1 OS
- E-Compass and Altimeter
- 3 Mega Pixels Auto-focus Camera
- VGA Display
- Embedded high sensitivity GPS receiver
- Long battery life provides all-day power – 8 hours**
- Quick Charge, 3.5 hrs charging time to 100%**

** Battery life and charge cycles vary by use, settings and application software



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

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Specifications



FUNCTIONAL

Microprocessor	Samsung 2450, 533 MHz
GPS Sensor Specifications	Chipset: SIRF Star III Receiver Type: L1 (C/A), Channels: 20 channel all-in-view tracking, Update Rate: 1 Hz, Horizontal Accuracy: Autonomous: 5 meters DGPS: 1-3 meters Cold Start Time: 45 sec average, Warm Start Time: 30 sec average, Hot Start Time: 1 sec average, Reacquisition: 0.1 sec average RAM Memory: 128 MB
Memory	Flash ROM: 2GB
Storage	SD slot for removable memory cards
SD Card Slot	3.5 in (89 mm)
Display	VGA (640 X 480 pixel) 65K colour Transflective TFT-LCD LED backlight
Keyboard	4 Quick Keys and 1 Navigation Key
Integrated Radio	WLAN (IEEE 802.11 b/g) Bluetooth (v2.0 class 2)
Standard Communications	USB Speaker Microphone Headphone
Features	E-Compass Altimeter 3 Megapixel Camera
Regulatory Approvals	CE, FCC, UL, BSMI, NCC, CCC
Power	Battery Type: 3.7V, 2400 mAh Li-Ion battery pack Battery Life: 8 hours**, application dependent (reduced in subzero applications) Quick Charge: 2hrs charging time to 80%** 3.5 hrs charging time to 100%**
Dimension & Weight	144.25 x 82.25 x 29.3 mm (5.68 x 3.24 x 1.15"), 300 g (10.58 oz)
Operating System	Microsoft® Windows® Mobile 6.1

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	- 20°C to 60°C (-4°F to +140°F)
Storage Temperature	-30° C to + 70°C (-22°F to 158°F)
Humidity	5% - 95% (non-condensing)
Rain & Dust Resistance	IP65
Drop Spec.	1.52m (5 ft) drop on all faces, edges & corners on steel per MIL-STD-810G
Electrostatic Discharge	+/- 15 kVdc air discharge, +/- 8 kVdc contact discharge
Tumble Spec.	1,000 1.6 ft./0.5m tumbles (2,000 drops)
Inbox Accessory	Microsoft Getting Started Disc AC Adaptor USB Cable Protective Film Hand Strap
Optional Accessory	Vehicle Mount, Vehicle Charger, External GPS Antenna, AC Adaptor, Hand Strap, Protective Film, Carry Bag, Stylus Pen



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