

# Getac

## PS535F Fully Rugged Handheld



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Rugged Mobile Computing Solutions

# PS535F Fully Rugged Handheld



**World's smallest fully rugged Handheld that works anywhere and anytime**

- MIL-STD 810G and IP54 / IP65 Certified
- Microsoft Windows Mobile® 6.1
- E-Compass and Altimeter
- 3M Pixels Auto-focus Camera
- 3.5" VGA Transflective Sunlight Readable TFT LCD
- Embedded High Sensitivity GPS Receiver
- Long Battery Life Provides All-day Power

Full GPS Function + WLAN + Bluetooth – All in ONE

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 WLAN and Bluetooth to support boundless data transmission in real time. The embedded 2GB NAND Flash memory plus an external SD memory card up to 8GB ensure extensive data process and storage. The PS535F further offers substantially long battery life up to 8 hours\*\* to relieve the common concern for power supply. All and beyond what you'd ask for have been neatly integrated in this world's smallest rugged PDA for the highest performance in any harsh environment.

## SPECIFICATIONS

<b>Operating System</b>	Windows Mobile® 6.1 Classic
<b>Mobile Computing Platform</b>	Samsung S3C2450 533MHz
<b>Display</b>	Portrait 3.5" TFT LCD VGA (480 x 640) Transflective sunlight readable display Pressure sensitive touchscreen
<b>Storage &amp; Memory</b>	128MB MDDR 2GB NAND Flash
<b>Keypad</b>	5-way navigation key x 1 Programmable quick buttons x 3 Power key x 1
<b>Expansion Slots</b>	SDIO / SDHC card slot (up to 8GB SDHC memory card)
<b>IO Interface</b>	USB 2.0 (Client; 4-pin; type Mini B) x 1 Audio output (Mini-jack) x 1 Microphone (Mini-jack) x 1 Speaker x 1 DC in Jack x 1
<b>Communication Interface</b>	802.11 b/g Bluetooth (v2.0+EDR Class 2) GPS (with internal antenna and external MMCX connector)
<b>Rugged Features</b>	Fully rugged MIL-STD 810G and IP54/IP65 certified Tamper-proof plastic case Vibration & drop resistant Tumbling resistant (1000 cycles; 0.5 m)
<b>Alphanumeric Data Entry</b>	Soft input panel (SIP) on screen keyboard Transcriber handwriting recognition
<b>Dimensions &amp; Weight (W x H x D)</b>	144.25 x 82.25 x 29.3 mm (5.68" x 3.24" x 1.15") 300 g (10.58 ounce)
<b>Regulation</b>	CE, FCC, UL, BSMI, NCC, CCC, SRRC

<b>GPS Sensor Specifications</b>	Chipset: SiRF Star III Receiver Type: L1 (C / A) Channels: 20 channel all-in-view tracking Update Rate: 1 Hz Horizontal Accuracy: i) Autonomous: 5 m ii) DGPS : 1-3 m Cold Start Time: 45 sec average Warm Start Time: 30 sec average Hot Start Time: 1 sec average Reacquisition: 0.1 sec average
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<b>Field Service Feature</b>	GPS: SiRF Star III Optional 3M pixels auto focus camera Optional E-compass Optional Altimeter
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<b>Environmental Specification</b>	Temperature: - Operating: -20°C (-4°F) to 60°C (140°F) - Storage: -30°C (-22°F) to 70°C (158°F) Humidity: - 5% to 95% RH, non-condensing
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<b>Software</b>	Microsoft Internet Explorer Mobile® Microsoft Office Mobile Applications Microsoft Office Mobile® Microsoft® Windows Media® Player 10 Mobile Microsoft ActiveSync 4.5 for data sync
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<b>Power</b>	AC adapter (10W, 100-240V; 50 / 60 Hz) Li-Ion smart battery (2400mAh) (up to 8 hours of battery life)** Charging time: Sleep mode, approx. 3.5 Hrs.
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<b>Inbox Accessory</b>	Microsoft getting started disc AC adapter and UK/EU/US plug USB cable Protective film Hand strap Quick start guide
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\*\* 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.

### Bottom

Power on/off switch x 1  
Mini-USB x 1  
Reset button x 1



### Left

SD slot x 1  
Headphone Jack x 1



### Back

Speaker x 1  
External GPS MMCX receiver connector x 1  
3M pixels auto-focus camera x 1



## OPTIONAL ACCESSORIES



Vehicle mount



Vehicle charger



External GPS receiver



AC adaptor



Hand strap



Carrying pouch

Screen protector

Stylus pen

## About Getac

Getac was founded in 1989 by MiTAC Technology Corporation and GE Aerospace as a joint venture, and has been a pioneer and leading innovator for the rugged mobile computing solutions ever since. Getac provides premier fully rugged notebooks, tablet PCs and handhelds for military, law enforcement, public safety, utilities, telecommunication, manufacturing, field service and mobile workforce industries. Every Getac computer is originated from the most stringent design and manufacturing processes, to ensure the best product performance. The distinguished product quality and comprehensive services are geared for ultimate customer satisfaction. For more information, please visit the Getac global website at [www.getac.com](http://www.getac.com)

## About Our 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 computing systems to fully function with exposure to dirt, dust, humidity, motion, vibration, change of temperature or any other harsh factor that would easily paralyze or damage commercial-grade devices.



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