

Getac

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

The Ultimate Getac A790 Ultra Rugged Notebook **Expandable Control Center** for Your Customized Needs Excellent warrior in all battle fields Getac A790 Ultra Rugged Notebook

Rugged Mobile Computing Solutions



A790 Ultra Rugged Notebook











Keyboard

Fanless

X Bay

Expansion Unit

3.5G WWAN

Multiple Bay Feature Maximizes Flexibility and Customized Applications

- 14.1" QuadraClear™ Sunlight Readable Display
- MIL-STD-810G Certified and IP65 Compliance
- Full Magnesium Alloy Case
- Sealed Ports and Connectors
- Shock-protected Removable HDD
- Vibration & Drop Resistant
- Versatile Wireless Access: WLAN, WWAN, and Bluetooth
- Fan-less Design



The Getac A790 is the latest ultra-rugged model of the Getac Rugged Notebook Family. This extremely rugged notebook not only meets MIL-STD-810G certified and IP65 compliance ratings to survive the harshest environments, but also satisfies critical EMI requirements.

A high performance 14.1" TFT sunlight readable LCD provides consistent and efficient operation along with a shock-protected HDD, and a wide range of ambient temperature features.

The A790 also possesses multiple bays for extensive versatility and expandability. Users have the luxury of employing the bays with additional removable HDDs for storage capacity expansion, auxiliary batteries for extended use, or other additional modules such as Bluetooth, GPS, and more.

Complementing this multifunctional rugged unit are the state-of-the-art authentication capabilities including a TPM chip, a fingerprint scanner, and a smart card reader, to safely protect confidential information.

Interface







Back Side

- DC in Jack x 1
- USB 2.0 × 2
- Docking Connector × 1 Serial Port × 1 IrDA × 1
- LAN (RJ45) × 1 Modem (RJ11) × 1
- External VGA × 1 • Parallel Port × 1

Left Side

- Primary Battery Pack x 1
- X Bay x 1

Right Side

- IEEE 1394b × 1 Audio Output x 1
- Speakers × 2
- Microphone × 1
- Media Bay x 1
- Shock-protected HDD x 1
- PCMCIA Slots (Type II × 2 or Type III \times 1)

Rugged Mobile Computing Solutions



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

Industry Applications



Military

A790 - MIL-STD-810G certified and IP 65 compliance - is the best rugged solution supporting air force, army, and navy combat operations. It features multiple bays that enable extensive versatility and expandability required by the military market. A790 facilitates asset management to track military numerous equipments or components and relevant information is reported to commands by wireless transmission to ensure timely maintenance, repair, or replacement.



Manufacturing

The shock-protected removable HDD, fan-less design and sealed I/O ports are A790's unique features to ensure effectiveness and stability under extreme environments. Its expansion unit connects equipment and facilities in order to conveniently control and monitor their operation. The ultra shock mount and vehicle dock customized for A790 make this rugged unit highly available and effective under various mission critical environments.



Public Safety

Boarder patrollers and customs officers responsible for crackdown on illegal immigrants or smuggling are able to use the extremely rugged A790 that enables Confidential effective surveillance. information is protected by A790's advanced TPM chip, fingerprint scanner, smart card reader, and data analysis and databank establishment are facilitated by wireless transmission

Optional Accessories



Vehicle Dock W x D x H: 348 x 310 x 215mm (13.70" x 12.20" x 8.46")

- DC in Jack × 1
- Video Capture x 1 Speaker x 2
- USB 2.0 × 2
- Serial Port x 2
- Parallel Port x 1



Ultra Shock Mount W x D x H: 420 x 390 x 153mm (16.54" x 15.35" x 6.02")



Vehicle Mount W x D x H: 310 x 302 x 111mm (12.20" x 11.89" x 6.02")



Carry Bag



Battery Charger



Main Battery (7800mAh)



Multimedia Bay 2nd Battery (5200mAh)



X Bay 3rd Battery (5200mAh)



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



Stylus



ISA Expansion Unit (x 2 slots)



PCI Expansion Unit (x 2 slots)



PCI-Express Expansion Unit (x 2 slots)



External USB FDD



Port Replicator



Specifications

Operating System Genuine Windows® 7 Professional Genuine Windows Vista® Business

 Mobile Computing Platform
 Intel® Centrino® Technology

 - Intel® Core™ Duo Processor L2400 1.66 GHz or Intel® Core™2 Duo Processor L7400 1.5 GHz

- 667 MHz FSB 4MB L2 cache

- Mobile Intel® 945GM Express chipset

VGA Controller Intel® Graphics Media Accelerator 950 Max. 128MB shared memory

Display 14.1" TFT LCD XGA (1024 x 768)

Optional QuadraClear™ sunlight readable display with

touchscreen

Storage & Memory 2GB DDR2 expandable to 4GB

SATA HDD 160GB / 320GB Optional SATA SSD 80GB

Keyboard Rubber keyboard

Optional LED backlit rubber keyboard

Pointing Device

- Optional pressure sensitive touchscreen

- Glide touchpad with scroll bar - Optional resistive touchpad

Expansion Slot PCMCIA Type II x 2 or Type III x 1

Multimedia Bay Optional DVD super multi drive

Optional 2nd battery

Optional 2nd storage: HDD 160 GB

X Bavi Optional RS232/422 Optional Ultra320 SCSI

Optional 2nd PCMCIA (Type II x 2 or Type III x 1)

Optional smart card reader

Optional Bluetooth (v2.0 + EDR class 1) Optional GPS (with mouse type antenna) Optional GSM / GPRS / EDGE / UMTS / HSDPA

Optional Bluetooth + GPS

Optional Bluetooth + GSM / GPRS / EDGE / UMTS /

Optional GPS + GSM / GPRS / EDGE / UMTS / HSDPA Optional Bluetooth + GPS + GSM / GPRS / EDGE / UMTS

Each A790 can only install one X-Bay optional item.

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

I/O Interface Serial port (9-pin; D-sub) x 1

Parallel port (25-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 2 Modem (RJ11) x 1

LAN (RJ45) x 1 IEEE 1394b x 1

Docking connector (80-pin) x 1

IrDA x 1

Communication Interface 10/100/1000 base-T Ethernet 56K ITU V.92 modem

Intel® WiFi Link 5100; 802.11 a/b/g/n

Optional Bluetooth (v2.0+EDR class 2) Optional GPS

Optional GSM / GPRS / EDGE / UMTS / HSDPA

Software Adobe® Reader®

Security Feature TPM 1.2

Weight

Optional fingerprint scanner

Optional smart card reader

Kensington lock

AC Adapter (90W, 100-240VAC, 50 / 60Hz) Battery - Primary: Li-lon smart battery (7800mAh)ⁱⁱ Power

Optional Bay 1: Li-Ion smart battery (5200mAh) - Optional Bay 2: Li-Ion smart battery (5200mAh)

Dimension (W x D x H) & 332.2 x 279 x 85.4 mm (13.08" x 10.99"x 3.37"),

5.9 kg (13 lbs)ii

Rugged Feature MIL-STD-810G certified and IP65 compliance Optional MIL-STD-461F certified

Full magnesium alloy case Shock-protected removable HDD Vibration & drop resistant

Environmental Specification Temperature^{iv}:

Operating: 0°C to 60°C/32°F to 140°F

Optional low temperature: -20°C / -4°F - Storage: -40°C to 71°C / -40°F to 160°F

- 95% RH, non-condensing







Getac EUROPE

Germany Office -Getac Technology GmbH Kanzlerstrasse 4 40472 Düsseldorf, Germany

Tel: +49 211 984 8190

Italy Office

Via Belvedere, 57 20043 Arcore (MB), Italy Tel. +39 039 617720

UK Office - Getac (UK) Ltd.

Mitac house, Nedge Hill, Telford, Shropshire, TF3 3AH, U.K. Tel: +44 1952 207 231

Getac NORTH AMERICA - Beijing Office:

USA Office - Getac Inc. 43 Tesla, Irvine, CA 92618, USA Toll Free: +1 886 GO GETAC (1 886 464 3822)

Getac ASIA China Office -

Getac Mobile Ltd. Kunshan Office:

No.300 (Building, Processing Zone), No.1 Avenue, Export Processing Zone, Changjiang South Road, Kunshan City, Jiangsu, China Tel: +86 512 57366000 # 1408 Fax: +86 512 57382090

- Shanghai Office:

2/F, No.213, Jiangchang Third Road, Nangang Dist., Taipei City, Zhabei District, Shanghai, China 11568, Taiwan, R.O.C. Zhabei District, Shanghai, China Tel: +86 21 61431188 # 1032 Fax: +86 21 61401023

Room 501, Haowei Building, No.25 Beitai Pingzhuang Rd., Haidian District, Beijing, China Tel: +86 10 62381104 +86 10 62381108 # 2040

Japan Office -

MiTAC Japan Corporation Yasuda 8th Building 6F, Kaigan 3-chome 3-8, Minato-ku, Tokyo, 108-0022, Japan Tel: +81 3 3769 8311 # 6411

Taiwan Office -**Getac Technology Corporation**

5F, Building A, No. 209, Section 1, Nangang Rd., Tel: +886 2 2785 7888

SALES CONTACT

North America ruggedsales@getac.com

South America

sales-getac-SAmerica@getac.com

EMEA

sales-getac-EMEA@getac.com - Germany:

sales-getac-DACH@getac.com

- Italy:

sales-getac-Italy@getac.com - UK: sales-getac-UK@getac.com

Asia Pacific

sales-getac-APAC@getac.com

sales-getac-China@getac.com

sales-getac-Japan@getac.com

MARKETING CONTACT Global

Globalmarketing@getac.com

North America

NorthAmericamarketing@getac.com

South America

SouthAmericamarketing@getac.com

FMFA

EMEAmarketing@getac.com

Asia Pacific

APACmarketing@getac.com

Copyright © 2011 Getac Technology Corporation and/or any of its affiliates. All Rights Reserved. All specifications are subject to change without notice V14M05Y11



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.

US

sales@assured-systems.com

Sales: +1 347 719 4508 Support: +1 347 719 4508

1309 Coffeen Ave Ste 1200 Sheridan WY 82801 USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050 Support: +44 (0)1785 879 050

Unit A5 Douglas Park Stone Business Park Stone ST15 0YJ United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660