



For when the going gets beyond tough

Openfire RPC Series 5 Core 2 Duo Rugged Portable Notebook Range



With a choice of 15" or 17" and daylight readable LCDs, the option of touchscreens, plus DVI capability, you'll find these rugged notebooks will suit the most demanding field-based applications where durability is absolutely critical.

Key Features

- 15" or 17" LCDs up to 1400x1050 resolution (15") with optional touchscreens
- Water, spray, mist, dust, vibration, shock and impact resistant
- Modular design including removable sealed HDD and battery
- Fanless cooling system for greater durability and longer battery life

The RPC range are true workhorses built to last in the outdoors. With options available to suit any defence or industrial application, it's what comes as standard that sets an Opentec apart from the competition.

These units are fully MIL-STD-810F compliant, designed to resist extremes of vibration, impact, dust, moisture, salt spray and rain. Quite simply, they've been engineered from the ground up to survive in extreme environmental conditions that would kill a run-of-the-mill "rugged" PC. The RPC features passive cooling technology which eliminates the need for fans completely, as well as fully sealed HDD and battery bays with double sealed device (I/O) ports and keyboard. All of this means that these PCs can be used in environments where fine dust, high humidity, salt spray or heavy rain would render run-of-the-mill "rugged" grade PCs useless very quickly.

A port expander is available to supply additional ports to those provided on the RPC. The Port Expander can also be used for in Vehicle Mounting along with additional hardware (For Panel or Console mounting) to provide rugged vibration resistant mobile computing. The RPCs also come in either standard IP55 rated 'Industrial' (-'I') models, or IP55 rated MIL-STD-461E compliant 'Military' (-'M') versions, which offer ultra-low EMI emissions (suitable for electronic warfare applications).

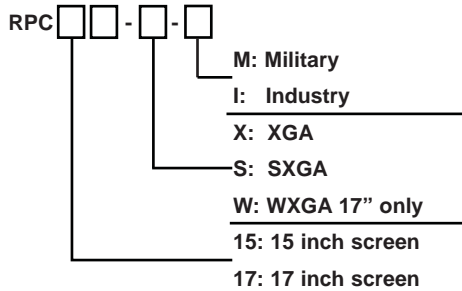


With the 17" model weighing less than 6.0kg, and the 15" model coming in at under 5.5kg, these are not executive toys, but serious tools for field-based professionals who need desktop processing power in a package that will survive in the outdoors.

The Australian Military operates in some of the most extreme environmental conditions in the world and as such rely heavily on the durability and reliability of their deployable computer equipment.

They have chosen to use the Openfire Series in these extreme surroundings.

BASE MODEL DESIGNATIONS



SPECIFICATIONS

Basic Chassis

- IP55-rated, fully sealed Magnesium alloy chassis
- Comply with IEC-68-2, IP 54 (17" only), IP 55 (15" only) MIL-STD-810F
- Optional MIL-STD-461E (Emissions) compliance

Dimensions

- 15": 334mm (W) x 279mm (D) x 64.5mm (H)
- 17": 340mm (W) x 294mm (D) x 64mm (H)

Weight

- 15": approx. 5.5kg (with HDD, CD-ROM & primary battery)
- 17": approx. 6.0kg (with HDD, CD-ROM & primary battery)

CPU & Operating System

- 1.66GHz Core 2 Duo
- 2Mb L2 Cache
- MS Windows XP Pro or Windows Vista
- Up to 4Gb RAM (3.2Gb accessible)
- Integrated 32-bit 3D/2D gfx core video card with up to 244Mb shared RAM

Drives

- Removable 2.5" SATA HDD (up to 160Gb sizes); shock resistant, silicon-sealed
- Removable 3.5" 1.44 Mb FDD & CD/DVD-ROM drive

Display

- 15" or 17" fluorescent backlit LCD display with optional touchscreen
- Standard 1024x768 pixel resolution (15")

Power

- Removable Lithium-Ion primary battery; 11.1V 6.6AH primary battery
- Secondary 6.6AH Lithium-Ion battery pack; fits into FDD/CD/DVD-ROM bay. 'Smart charge' system.
- 10-30VDC positive lock power jack to support a range of external power supplies

Keyboard & Mouse

- 89-key (Windows) keyboard (unlit)
- PS/2-compatible resistive Touch pad (can be operated by stylus, finger or gloved hand in all weather conditions)



External Ports

- 2x Serial, 1x Parallel or External FDD (share the same port),
- 1x Docking Port, 1x DVI port, 1x VGA,
- 1x PS/2, 2x USB 2.0, 2x IEEE 1394 Firewire
- 1x PCMCIA Type-II Slot, 1x PCIe express card slot

Internal Ports

- 1x MINI PCI slot
- 2x MINI PCIe slot

Audio

- Built-in 16-bit AC97 sound card with stereo speakers
- External speaker, stereo line-in and microphone jacks

OPTIONS

- DVD-RW drive, or DVD-R+CD-R/W Combo Drive
- Fully sealed, 89-key backlit keyboard
- Removable Flash Drive (in place of HDD; uses HDD bay)
- 15" SXGA LCD screen 1400x1050 pixels
- 17" WXGA LCD screen 1440x900 pixels
- Secondary 6.6AH Lithium-Ion battery (uses CD-ROM bay)
- Internal GPS module plus external antenna
- Internal V.90 56K Modem/Fax card (MDC)
- Internal Giga LAN 1000BaseT or Giga LAN Mini PCI Card
- Internal LAN 802.11 wireless LAN module
- Rugged Vehicle Power Adapter (10-30VDC auto-sensing, with MIL-STD Connectors)
- Docking Station (2x Serial, 1x Parallel, 2x USB, 1x PS/2, 1x PCI, 1x DVI, 1x VGA)
- Hard or Soft Carry Case Options
- COM 3 & 4 card (RS232 or RS422; internal or external options)
- CPU Pre-heater for sub-zero (<0°C) starts
- Optional touchscreen and sunlight readable
- External Mil-DTL-38999 37 pin plug with 4 serial ports via dongle (only on 15")
- Bluetooth Version 2 EDR