



For when the going gets beyond tough

## Series 5 'RPC 17' Rugged Personal Computers with 17" Widescreen LCDs



### Models

Industrial/Commercial grade:

**RPC 17W-I** 17" WXGA LCD

Military/Defence grade:

**Openfire RPC 17W-M** 17" WXGA LCD

### Key Features

- 17" WXGA (1440x900) resolution daylight readable LCDs
- Optional touch screens and higher brightness (400NIT) LCDs
- Modular design includes removable sealed HDD, DVD and battery; plus capacity to upgrade to enhanced connectivity options including NextG, plus additional battery
- Fan-less cooling system for superior durability and longer battery life
- Exceed MIL-STD 810F for durability shock and impact resistant
- MIL-spec models exceed MIL-STD 461E emission

The 'Series 5' Intel Core 2 Duo powered RPCs (Industrial/Commercial grade) and Openfire RPCs (Mil-spec grade) range of rugged personal computers are true workhorses, built to thrive in the outdoors. While the options are impressive, it's what comes as standard that sets an Opentec apart from the competition.

These units don't just exceed MIL-STD-810F standards and IP-55 ratings (see our website for further explanations of what this means), but have a proven record of surviving extremes of vibration, impact, dust, moisture, salt spray and rain that repeatedly destroy other products, including allegedly 'toughened' or 'ruggedised' ones. But then, they've been engineered from the ground up to do just that.

The RPCs feature passive cooling technology (no fans to clog or drain batteries), as well as fully sealed and extremely durable HDDs and DVDs, plus double sealed peripheral ports and keyboards to ensure the outside STAYS outside! Rugged integrated handles and buffers, heavy duty LCD hinges, toughened LCD overlays all ensure they'll endure years of wear and tear.

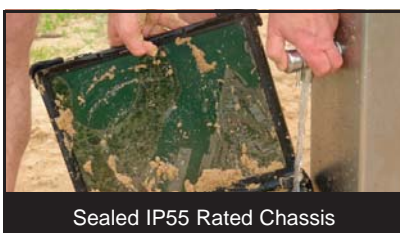
A full range of connectivity options includes Bluetooth, 11/54Mbps Wireless LAN (WiFi), GSM/GPRS and Next-G (UMTS/HSDPA), and options such as GPS, a second battery for extended operation times in the field, port expanders/docking stations, desktop battery chargers and the ability to customise the unit extensively completes the equation that makes an Opentec a truly unique solution.



Rugged Magnesium alloy case



Removable battery, HDD & DVD



Sealed IP55 Rated Chassis



Integrated Carry Handle



Heavy Duty Hinge Mechanism

## Specifications ('-I' & '-M' models)

Product in brief	Rugged MIL-Std 810F compliant notebook PC with 17" WXGA daylight readable LCD; removable primary battery, HDD and DVD; double sealed ports and keyboard; includes 240VAC and vehicle chargers		
Environmental, Safety & EMC	IP-55 rated, MIL-STD-810F compliant; -20°C~50°C operating range; ACA, CE, FCC compliant		
CPU Type/Speed	Intel Core 2 Duo 1.66GHz with 2Mb/4Mb L2 cache	Operating System	Windows XP Pro
Options & Accessories	<ul style="list-style-type: none"> <li>- Touch screen</li> <li>- Higher brightness 500NIT LCD</li> <li>- Flash drive</li> <li>- DVD-RW</li> <li>- Desktop docking station</li> <li>- LCD &amp; CPU pre-heaters</li> </ul>	<ul style="list-style-type: none"> <li>- Desktop battery charger</li> <li>- Secondary battery</li> <li>- GPS &amp; Connectivity options, as below</li> <li>- Hard or soft carry case</li> <li>- backlit keyboard</li> <li>- external keyboard (lit or unlit)</li> </ul>	<ul style="list-style-type: none"> <li>- clear plastic keyboard protector</li> <li>- Windows for Arabic; Arabic keyboard</li> <li>- additional or customised ports</li> <li>- embedded customer-supplied electronics</li> <li>- embedded Opentec-supplied devices</li> </ul>
RAM Type/Capacity	1Gb DDRII, expandable to 4Gb		
Dimensions (HxWxD)mm	63.7 x 339.6 x 293.5	Weight incl Batt & HDD	6kg
Screen Type	17" Daylight readable; optional 500 NIT 'High Bright' LCD; optional Touch Screen		
Screen Type & Resolution, WxH (Pixels)	WXGA, 1400 x 900	Graphics/Screen driver	Integrated 32bit 2D/3D gfx core, 224Mb Shared RAM; optional Nvidia MXMII 256 MB VRAM (standard with SXGA LCD)
Chassis construction	Magnesium alloy	Chassis colour	Black (-I or -M models); NATO Green (-M models only)
Magnetic Drive Type/Capacities	Removable cassette-mounted 120Gb or 160Gb SATA HDD; optional Flash drive		
Optical Drive	DVD-R in sealed removable cassette; optional sealed removable DVD-RW		
Battery pack	Removable Lithium Ion type; optional secondary battery (slots into optical drive bay)		
Vehicle Power Adapter	12~32V	Mains Power Adapter	90~240VAC 50/60Hz
External I/Os (ports)	1 x 1000BaseT Gigabit LAN 2 x Serial (DB9 RS-232, COM 1+2) 1 x PS/2 2 x USB 2.0 1 x IEEE 1394 Firewire	1 x PCMCIA Type II 1 x PCIe 1 x Parallel port 1 x Docking station port 1 x VGA Port	1 x DVI Port 1 x Microphone 1 x Speaker Out 1 x Line In
Keys/Keypad	Fully sealed 89 key QWERTY keyboard	Audio	Integrated stereo speakers
Docking Station	'DockUnder' desktop docking station; optional Mil-spec 'DockUnder'	Additional Internal I/Os	1 x PCI 2 x PCIe
Optional Connectivity	WLAN 802.11 b/g V.90 56K Modem/Fax	GSM/GPRS/EDGE Next-G (UMTS/HSDPA)	Bluetooth GPS

## Specifications ('-M' models)

Additional standard features	Mil-Circ power connectors on notebook power and adapter power connectors on-board HDD pre-heater MIL-STD 461E compliant ultra-low EMC electronics (EW rated)
Mil-spec options	Additional Mil-Spec ports Embedded data encryption and 'stealth/EW grade' 802.11b 'long-haul WiFi' pack

## Accessories



External Keyboard



Removable Batteries



Rugged HDDs



Rugged DVDs

OPENTEC SOLUTIONS PTY LTD ABN 28 003 054 304  
Unit 9, 1-3 Endeavour Rd, Caringbah NSW 2229 Australia  
Phone +61 2 9575 0925 Fax +61 2 9575 0999 Email sales@opentec.com.au

opentec.com.au