



For when the going gets beyond tough

## Series 5 'RPT 8' Core 2 Duo Rugged Tablet Computers with 8.4" LCDs



### Base Models

Industrial/Commercial grade:

**RPT 8X-I** 8.4" XGA LCD

Military/Defence grade:

**Openfire RPT 8X-M** 8.4" XGA LCD

### Key Features

- 8.4" XGA (1024x768) resolution, daylight readable (400NIT) touch screen LCDs
- Windows XP Pro operating system, or optional Windows Vista
- Modular design with removable, sealed HDD & battery; plus capacity to upgrade to enhanced connectivity options, including GSM/GPRS, NextG, WiFi & Bluetooth; plus clip-on secondary battery
- Fan-less (passive) cooling system for superior durability & longer battery life
- Exceed MIL-STD 810F for durability, shock and impact resistance
- MIL-Spec models exceed MIL-STD 461E emission

The 'Series 5' Intel Core 2 Duo powered RPT 8X-I (Industrial/Commercial grade) and Openfire RPT 8X-M (Mil-spec grade) range of rugged tablet computers are not 'convertible' notebooks, but true, compact, touch-enabled tablets that have been custom-engineered throughout to ensure superior durability in the field.

Weighing in at less than 2kgs, these units exceed MIL-STD-810F standards and IP-54 ratings (see our website for further explanations of what this means), and feature the same passive cooling technology (no fans to clog or drain batteries) and fully sealed design that has made our notebooks legendary!

Ideal for handheld applications, or in-vehicle use, they're perfect for applications where a small footprint is required, and interfacing via stylus or finger is preferred to using a keyboard (although optional external keyboards are available). And their track record of survival in terrestrial and marine applications is unparalleled, with many customers undertaking mission-critical applications – from railway locomotive control systems to naval tactical command terminals – able to vouch for their superior durability in extreme environmental conditions.

With connectivity options such as Bluetooth, Wireless LAN (WiFi), GSM/GPRS and Next-G (UMTS/HSDPA), and options such as GPS, a secondary battery, docking stations, vehicle mounts, desktop battery chargers and the ability to customise the unit extensively, you'll find Opentec RPT series tablets a truly unique solution.



Rugged IP54 Magnesium alloy case



Removable battery & HDD



Industrial & Mil-Spec Models



Programmable Function Keys



Double Sealed Ports

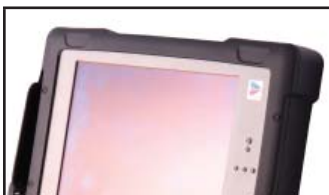
## Specifications ('-I' & '-M' models)

Product in brief	Rugged MIL-Std 810F compliant notebook PC with 8.4" XGA daylight readable touch screen LCD; removable primary battery, HDD and DVD; double sealed ports; includes 240VAC and vehicle chargers		
Environmental, Safety & EMC	IP-54 rated, MIL-STD-810F compliant; -20°C~50°C operating range; ACA, CE, FCC compliant		
CPU Type/Speed	<b>Intel Core 2 Duo</b> 1.06GHz with 2Mb/4Mb L2 cache	<b>Operating System</b>	<b>Windows XP Pro</b>
Options & Accessories	<ul style="list-style-type: none"> <li>- External keyboard (lit or unlit)</li> <li>- External FDD or DVD</li> <li>- Port expander</li> <li>- Desktop or vehicle mounting options</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> </ul>	<ul style="list-style-type: none"> <li>- protective rubber sleeve</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 2Gb		
Dimensions (HxWxD)mm	190 x 250 x 42	<b>Weight incl Batt &amp; HDD</b>	1.7kg
Screen Type	<b>8.4"</b> XGA Daylight readable, optional 500 NIT 'High Bright' LCD with integrated Touch Screen overlay		
Screen Type & Resolution, WxH (Pixels)	<b>XGA</b> , 1024x768;	<b>Graphics/Screen driver</b>	Integrated 32bit 2D/3D gfx core, 224Mb Shared RAM; optional Nvidia MXMII 256 MB VRAM (standard with SXGA LCD)
Chassis construction	<b>Magnesium alloy</b>	<b>Chassis colour</b>	<b>Silver</b> (-I models); <b>NATO Green</b> (-M models only)
Magnetic Drive Type/Capacities	<b>Removable</b> cassette-mounted 120Gb or 160Gb SATA HDD; optional Flash drive		
Optical Drive	External drive available		
Battery pack	<b>Removable</b> Lithium Ion type; optional secondary battery (slots into optical drive bay)		
Vehicle Power Adapter	12~32V	<b>Mains Power Adapter</b>	90~240VAC 50/60Hz
External I/Os (ports)	1 x 1000BaseT Gigabit LAN 1 x Serial (DB9 RS-232)	1 x USB 2.0 1 x PCMCIA Type II	1 x PCIe 1 x Docking station port
Keys/Keypad	6 water-resistant, programmable function keys; LCD brightness controls	<b>Audio</b>	Integrated stereo speakers
Docking Station	'Docklite' port expander (optional Mil-spec version); optional desktop or vehicle mount stand	<b>Additional Internal I/Os</b>	Available on DockLite: 1 x VGA 1 x 1000BaseT Gigabit LAN 1 x RJ12 Modem 1 x Microphone & Headphone Jack
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



Optional Protective Sleeve



Desktop Stand



Optional Integrated GPS



DockLite Port Expander

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