



For when the going gets beyond tough

Series 5 'RPT 12' Intel Core 2 Duo Rugged Tablet Computer with 12.1" LCDs



Base Models

Industrial/Commercial grade:

RPT 12X-I 12.1" XGA LCD

Military/Defence grade:

Openfire RPT 12X-M 12.1" XGA LCD

Key Features

- 12.1" XGA (1024x768) or SXGA (1400x1050) resolution daylight readable LCDs
- Integrated 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 resistance
- MIL-spec models exceed MIL-STD 461E emission

The new 12" 'Series 5' Intel Core 2 Duo powered RPT 12X-I (Industrial/Commercial grade) and Openfire RPT 12X-M (Mil-spec grade) range of rugged tablet computers offer a larger screen in a highly rugged, true tablet format, for graphics intensive applications requiring a larger, high resolution, daylight readable display.

Weighing in at well under 3kgs, 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 used in our battlefield proven 8.4" models. With integrated rubber buffers and a low profile top-mount antenna housing for the integrated (optional) GPS and WiFi, they're as much at home in service applications as on the battlefield.

Ideal for in-vehicle use, they provide full desktop computing power, and feature a full range of connectivity options such as 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 IP54 Magnesium alloy case



Integrated Protective Buffers



Double-Sealed Ports



Integrated Carry Strap



Programmable Function Keys

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

Product in brief	Rugged MIL-Std 810F compliant notebook PC with 12.1" 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	Intel Core 2 Duo 1.06GHz with 2Mb/4Mb L2 cache	Operating System	Windows XP Pro
Options & Accessories	- External keyboard (lit or unlit) - External FDD or DVD - Port expander/docking station - Desktop & vehicle mounts	- Desktop battery charger - Secondary battery - GPS & Connectivity options, as below - Hard or soft carry case	- Windows for Arabic - additional or customised ports - embedded customer-supplied electronics - embedded Opentec-supplied devices
RAM Type/Capacity	1Gb DDRII, expandable to 2Gb		
Dimensions (HxWxD)mm	255 x 320 x 54	Weight incl Batt & HDD	2.5kg
Screen Type	12.1" XGA Daylight readable, optional 500 NIT 'High Bright' LCD with integrated Touch Screen overlay		
Screen Type & Resolution, WxH (Pixels)	XGA, 1024x768;	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	Silver (-I models); NATO Green (-M models only)
Magnetic Drive Type/Capacities	Removable cassette-mounted 120Gb or 160Gb SATA HDD; optional Flash drive		
Optical Drive	External drive available		
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 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	Audio	Integrated stereo speakers
Docking Station	'Docklite' port expander (optional Mil-spec version); optional desktop or vehicle mount stand	Additional Internal I/Os	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 Backlit Keys



Desktop Stand



Optional Integrated GPS



DockLite Port Expander