



Military ruggedisation standards

Ultra Rugged Tablet PC



Order code: RTAB-ULTRA



- **Ingress Protection**
- **Meets MIL STD 810F specifications**
- **Ingress protection rating of IP54**
- **Rugged construction**
- **Excellent connectivity**
- **Handwriting recognition**
- **3 Year R.T.B warranty**



Combining up to 8 hours extended battery, wireless connectivity options and a rugged construction for industrial and survey work, this Rugged Tablet PC is designed for mobile computing indoors or out. The tablet format provides a particularly easy to carry format with a touchscreen. **New brighter easy-read screen automatically adjust to ambient light!**

Related items: [Protective case](#)

SYSTEM

Operating System	Microsoft® Windows® XP Tablet PC Edition
Casing	Die-cast magnesium for structural components
Processor	Ultra Low Voltage Mobile Intel® Pentium® M733 1.1GHz
Memory Options	512MB (standard) up to 1280MB DDR RAM
On-Board Cache	On-Die 512KB L2 Burst Pipe Line
Storage	Shock Mounted 2.5" 40GB Hard Disk Drive
Case	Die-cast magnesium for structural components
GRAPHICS	
Screen Type	8.4" SVGA TFT Display with Digitizer Control Panel Touchscreen
Display Modes	Portrait & Landscape via Hotkey
Input Device	Digitizer Control Panel Touchscreen
Hot Keys	Suspend/Power On/Off - Wireless LAN/Bluetooth On/Off - Enter - Up/Down Arrows - Escape - Security

PORTS/CONNECTIVITY

PCMCIA	1 x Type I or II
USB Ports	2 x USB (2.0)
Docking Connector	1 x Docking Connector Port
Audio	Internal Microphone & Speaker, PCI Audio with AC-97 compliance, External speaker & microphone jacks
Battery Connector	Connector for 2nd Battery
Compact Flash	1 x Compact Flash Slot for 1 x Type I or II card

Fax/Modem	Integrated 56.6 Kbps v.92 Fax/Modem
Internal LAN	Integrated 10/100 MBit PCI
Integrated Wireless	Options of GPRS - CDMA - 802.11b Wireless LAN - Bluetooth. (Various combinations available depending on specific requirements) Up to 3 RF modems can be integrated at one time
External CRT	1 x VGA (for external monitor)
POWER	
Battery Type	Smart 3200 mAH (35.5W) Li-Ion main battery pack optional 2nd battery back (3200 mAH)
Battery Life (Approx)	up to 4 hours continuous typical use (8 hours with optional 2nd battery) Times quoted may differ depending on customer-specific variables (i.e. brightness of screen, wireless connectivity, constant accessing of HDD, etc)
DIMENSIONS	
Tablet PC	270mm (w) x 184mm (d) x 420mm (h)
Weight with Battery	1.7KG (3.7lb)
PHYSICAL SPECIFICATIONS	
Drop Test	26 repeated 1 metre drop tests onto plywood over concrete meets MIL STD 810F, 516.5,IV
Temperature Tests	Operational -20°C to + 60°C (-4°F to +140°F)
Water Resistance	Blowing rain/water resistance at 4 inches per hour at approximately 40psi for 10 minutes on all 6 axes
Vibration	Meets MIL STD 810F, 506.4, II Meets MIL STD 810F, 514.5 & ASTM 4169-99 Truck Assurance level II, Schedule E
Ingress Protection	IP54 rated for protection against water and dust

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Specifications subject to change

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