



## 7" RUGGED TABLET PC

MIL-STD-810F

IP-54



- **RUGGED:** The **ndura RUGGED®** 7" rugged Tablet PC offers durable resilient data protection in extreme conditions including drop, shock and vibration to MIL-STD-810F
- **COMMUNICATION:** With a range of integrated wireless options available, this 7" rugged Tablet PC is ideal for applications requiring mobile communications
- **PORTABLE:** Weighing a mere 1.1Kg, the ergonomic Rugged Tablet PC combines an optimum balance between mobility, low power consumption and protection
- **CONFIGURABLE:** The **ndura RUGGED®** 7" rugged Tablet PC provides upgradeable and flexible computing power to support demanding field applications
- **DISPLAY:** Comprising a 7" TFT touchscreen, the 7" rugged Tablet PC provides a high resolution display to keep field deployed workers productive



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# TECHNICAL SPECIFICATION



ndura RUGGED 7 inch Tablet PC\_v.200904rev1

Technical Specifications quoted are qualified and verified but do not indicate the maximum performance limitations of the equipment. Specifications are subject to change without notice. E & OE Issue A

PROCESSOR	
CPU	VIA® C7-M ULV 1.0 GHz, TDP 3.5W
Chipset	VIA® VX700
Memory & Storage	
Main DRAM	DDR2- 1GB SO-DIMM (Max 1GB)
BIOS ROM	1Mb
Storage	1.8" PATA HDD 80GB 4200 RPM
Display	
Display	7" 800 x 480 (WVGA) TFT Active Matrix colour LCD with touch screen
CRT Display	External video support up to 1920 x 1080
Brightness	SKU/CONFIGURATION 1 Standard 250 cd/m <sup>2</sup>  SKU/CONFIGURATION 2 Sunlight Readable 380 cd/m <sup>2</sup>
Contrast Ratio	400 : 1
Audio	
Realtek compliant audio codec Integrated stereo speakers Convenient button volume controls	
Interface	
Interface	1 x RS-232 (with Switch for 232,422,485) 1 x USB 2.0 A ports 1 x Headphones/Speaker 1 x Microphone/line in 1 x DC-in 1 x Docking Connector (PoGo Pin) 1 x Stylus Holder with Stylus
Keyboard	Power On/ Off SAS (Ctrl+Alt+Del) Wireless Switch Screen Rotate Buttons Direction & Enter Buttons Volume Up/ Down Brightness Up/ Down Thumbstick Cursor Buttons
Wireless	
WLAN	802.11 b/g (11/ 54 Mbps) 2.4 GHz
Bluetooth	v2.1 Class II
Security	
BIOS	BIOS setup, Power-on, HDD User Password Protection, BIOS I/O Lock
Power Supply	
Battery	Lithium ION 4 Cells (2S2P) 7.4V @ 5200 mAh Battery Life 5+ hours Recharging Time: 2.5~3hrs
AC Adapter	Input 100~240V, 50/60Hz universal Output: 12V DC, 6.0A
Heat Dissipation	
Fanless Design	

Environmental	
Dust & Water Proof	IP-54 Compliant
Drop	Test height: 4 feet (122cm) Test Surface: 5cm Fir Board backed by concrete Drop Sequence : 26 drops
Temperature	Operating: 0°C to 40°C (32°F to 104°F) Storage: -30°C to 60°C (-22°F to 140°F)
Humidity	Operating: 20% to 85% Storage: 20% to 90%
Vibration	Operation: 5~250Hz, 0.5G 15min. Storage: (Sine Mode) 5~27.2Hz, 0.6G, 50~500Hz 2.0G, 4 cycles total 112min. Aircraft (Random1 Mode):5.0Hz, 10-4 G <sup>2</sup> /Hz, 20~200Hz, 0.002G <sup>2</sup> /Hz, 500Hz, 10-4 G <sup>2</sup> /Hz, 20min. 0.73G Truck (Random2 Mode): 5~16Hz, 0.01G <sup>2</sup> /Hz, 40~80Hz, 0.001G <sup>2</sup> /Hz, 200Hz 10-5 G <sup>2</sup> /Hz, 20min. 0.5G
Shock	Operation: 6 sides, 3 shocks/per side, 15g/11ms, 60g/3ms Storage: 6 sides, 3 shocks/per side, 120g/3ms
Thermal Shock	-30°C/2hrs, 60°C/2hrs. 12 Testing Cycles
Regulatory Approvals	
EMI	CE and FCC
Safety	CB and UL listed, RoHS Compliant
Dimensions and Weight	
227 x 161 x 31.5 (mm) 1.1KG	
Operating System	
Microsoft Windows XP Tablet Compatible	
Optional Accessories	
A list of accessories are available please contact us for further details	
Spares	
Battery	Lithium ION 4 Cells (2S2P)
Stylus	Telescopic Stylus
AC Adapter	Input 100~240V, 50/60Hz universal (12V DC, 6.0A)

