

# The Xtreme Tablet Range of PCs



Originally developed for fast rib installations conducting worldwide maritime interdiction operations the Xtreme Tablet PC (MXT) can withstand some of the most challenging EMC, climatic and environmental conditions. A complementary land based version (LXT) exists utilising the same rugged design features.

Modular in construction, the Xtreme Tablet PC can accommodate display sizes of either 8, 10 or 12 inches and can be provided as a single unit or supplied as separate display and computer modules connected by an umbilical cable. The unit is powered from a wide range 12 – 32 V DC source and has built-in supply protection circuits and EMI/EMC filtering.

Function keys, a force joystick and mouse selection keys are mounted around the display bezel. The function keys can be defined based on the requirements of the target application.

## Key Features

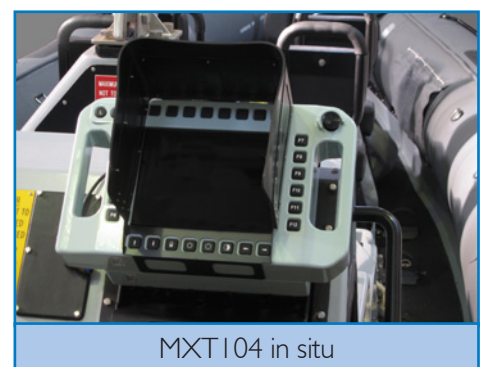
- Fully marinised rugged construction sealed to IP67
- Meets EMC requirements of Def Stan 59-41 I
- Meets Environmental requirements of Def Stan 00-35
- Range of high performance low power processors
- Sunlight readable display with dimmable backlighting. Touchscreen option available
- Screen size available in 8", 10" and 12" formats
- Separate night and day illumination settings
- 12 general purpose and 8 function keys
- Wide range of external interfaces available including: Audio, Ethernet, USB, serial, CAN-bus and wireless options
- Available as a single unit or as separate display and computer modules
- Air Transportable



MXT104



LXT104



MXT104 in situ

## Technical Details

<b>Climatic</b>	Operating: -26°C to +70°C Storage: -40°C to +85°C Categories A1, A2, A3, M1, B2 & C0 Relative Humidity: - 100%	<b>Display</b>	8", 10" and 12" Options, Daylight Readable 1024x768 LCD LED Backlit, Touchscreen overlay option
<b>Environmental</b> Solar Radiation Pressure Driving Rain Salt Fog Shock and Vibration Sealing	DEF STAN 00-35 Part 3: Test CL3 Test CL21 Test CL27 Test CN2 M1, M3 and M4 CL29	<b>Power Input</b>	12-32V DC. Compliant to DEF-STAN 61-5
<b>IP Rating</b>	IP67	<b>HDD</b>	80GB SATA 2.5" Rugged Hard Disk fitted as standard Solid State options available
<b>Electro-magnetic Compatibility</b>	DEF STAN 59-41 I Part I Land Class B	<b>Keys</b>	All keys have dimmable backlighting 8 Function Keys, Day / Night toggle 12 general purpose function keys Brightness Control (Up / Down) Display Blank, Key Lock, Power control (On / Off)
<b>Weight</b>	4Kg for 10" Display Module, 4Kg for Computer Module	<b>Pointer Device</b>	Axis force joystick, mouse left and right selection buttons
<b>Size</b>	340 x 235 x 130 (W x H x D) (For 10" Display MXT104 Single Model)	<b>Operating Systems</b>	Windows 7, Windows XP/XP Embedded LINUX
<b>Construction</b>	Aluminium alloy	<b>External I/O Options</b>	Up to 2 USB 2.0, Up to 2 serial RS232 / RS422 Gigabit Ethernet (100/1000 Base T) Up to 8 General Purpose I/O Audio headphone output CAN-bus, Aerial (see wireless options)
<b>Colour</b>	Paint and finish to customer requirements	<b>Wireless Options</b> (external antenna required)	Wi-Fi IEEE 802.11b/g Bluetooth GPS
<b>Processor</b>	Intel Atom Z520 1.33 GHz processor (other options available e.g. Z530 1.6 GHz)		
<b>Memory</b>	1Gb DDR2 SDRAM fitted as standard 2Gb or 4Gb fitted as options		

*“We design, develop and manufacture innovative products and are also experts at integrating existing technology to create successful, cost effective solutions.”*



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