

# MILRT10IS8M-T2GP

**10.4" color TFT, 1024 x 768 XGA, COTS Rugged Military Tablet Computers Compliant with MIL-STD-810 and IEC60068-2-27 Standards**



## Introduction

AIS 10.4" rugged Military tablet computer is designed for the Commercial Off-The-Shelf (COTS) Military marketplace. AIS MIL-STD and MIL-SPEC compact ruggedized touch tablet PCs are designed, engineered, manufactured, and qualified to pass MIL-STD-810 and MIL-STD-461 standards. All units are tested for drop-shock, moisture, dust and vibration resistance and temperature extremes for Military, aerospace and government applications.

## Specifications

Display	
Display	10.4" diagonal, Active matrix TFT LCD
Aspect Ratio	4:3
Native (Optimal) Resolution	1024 x 768 XGA
Colors	16.2M (6bits/color)
Brightness (Typical)	LCD Panel: 700 nits Resistive Touch: 560 nits
Contrast Ratio	1200:1
Touch Technology	Analog Resistive 4-wire
System Hardware	
Processor	Intel® Atom™ i7-2610UE 1.5GHz, Turbo Max 2.40 GHz
System Chipset	Intel® QM67 Chipset
System Memory	2GB DDR3 1333 MHz, max 4GB
Storage	16GB SATA SSD
I/O Interfaces	

## Features and Benefits

- Military, Marine DoD: battlefield logistics, tactical operations, vehicle/aircraft maintenance and troubleshooting applications
- Public Safety: fleet management i.e. Police Task Force, Fire Departments and EMS applications
- Energy & Utilities: maintenance, repair and energy monitoring device applications
- Manufacturing & Automation: manufacturing operations usage for monitoring and data acquisition, maintenance and troubleshooting of equipment and processes applications.
- Transportation: haul trucking for GPS fleet management, air cargo for logistics, railroads for mobile ticket automation, and port authorities for shipment monitoring applications.

Wireless Communication	802.11b/g/n WLAN built-in with integrated antenna Bluetooth class 2 built-in with integrated antenna GPS built-in 3G (Optional)
Left I/O Connectors	1 x LAN, 2 x USB 2.0, 1 x Audio out, Micro-in Jack, 1 x Power Input Jack, 1 x Reset Button
Right I/O Connectors	1 x COM, 1x VGA, 1x SIM Card, 1x SD
Bottom I/O Connectors	Docking connector to expansion for 4 x USB and docking stand power input
Control Buttons	1x Menu key to control brightness, volume and battery status, 1x Up key, 1x Down key, 3x Programmable Hot-keys (Max 6 Functions)
Environmental Conditions	
Temperature	Operating: -20°C to 50°C (-4°F to 122°F)
Humidity (Non-condensing)	10% to 90%
Ingress Protection	NEMA4 IP54
Vibration Protection	MIL810F Method M514.5
General	
Power Input	19V DC
Operation System Support	Windows Embedded Standard 7
Mounting Options	75 x 75 mm VESA Mount
Dimensions (W x H x D)	323 x 244 x 53.40 mm
Approvals	
Approvals	CE, FCC (DOC) MIL810F/ IEC60068-2-27 for Vibration and Shock

## Order Information

**MILRT10IS8M-T2GP:** 10.4" COTS Rugged Military Tablet Computers Compliant with MIL-STD-810 and IEC60068-2-27 Standards, 1024 x 768 XGA, 1200:1 contrast ratio

Unit: mm

