

HT-7245

MILITARY HANDHELD COMPUTER





HT-7245

MILITARY HANDHELD COMPUTER

- An Intel Core i7 based high performance, low power, portable handheld computer designed for field operations.
- Lightweight and ruggedized to withstand adverse field conditions.
- Power, Gigabit Ethernet, 2xRS232/RS422, VGA/DVI, 3xUSB and Audio Interfaces on military circular connectors.
- Internal 2xPMC hardware extension slots to be used in custom military applications.
- Enhanced User Interface with Touchscreen, QWERTY keyboard, bezel keys and on board microjoystick.

Applications

- C2 Control Unit
- Commander Computer
- Wheeled and Tracked Vehicle Computer
- Weapon Control Station
- Naval Applications
- Remote Control Terminal
- Secure Communication Terminal

General Specifications

- Intel Core i7 processor
- 4GB DDR3 RAM
- Removable, >30GB1.8" SATA Flash Disk (SSD)
- 8.4", 800x600 TFT LCD, LED Backlight
- Heater integrated Resistive Touch Screen
- 3xUSB 2.0
- 1xGigabit Ethernet
- 2xRS232/RS422
- 2xPMC slot, I/O's on military circular conn.
- VGA/DVI, Audio Interface
- Internal GPS (Optional)
- Internal Speaker
- QWERTY keyboard and microjoystick
- Windows 7 Embedded / 10 OS support
- High capacity external Li-Ion battery block
- 10-32Vdc power input (MIL-STD-1275D protected)

Mechanical Specifications

- Dimensions : 240 mm x 240 mm x 61 mm (WxHxD)
- Weight : < 3.0 Kg

Environmental Specifications

Test	Levels	Procedure
Operating Temperature	-33°C / +63°C	MIL-STD-810G, method 501.5 and method 502.5
Storage Temperature	-40°C / +70°C	MIL-STD-810G, method 501.5 and method 502.5
Vibration		MIL-STD-810G, method 514.6
Shock	40g, 11ms	MIL-STD-810G, method 516.6
Humidity	+60°C, 95% RH	MIL-STD-810G, method 507.5
Immersion		MIL-STD-810G, method 506.5
Low Pressure	4572 m	MIL-STD-810G method 500.5
Solar Radiation		MIL-STD-810G method 505.5
Dust		MIL-STD-810G method 510.5
EMC / EMI		MIL-STD-461F
Power Input Protection		MIL-STD-1275D

Specifications are subject to change without any notice. | All tolerances are within $\pm 10\%$.

