



Military Touchscreen Computer

AYESAŞ Military Touchscreen Computer can be installed on ground and naval applications where durability, high level safety, and environmental conditions are paramount. With its MIL-STD-810G and MIL-STD-461F certifiable design artifacts and flexible architecture, Military Touchscreen Computer can be easily customized to meet and satisfy customer needs.



Commitment to Excellence
Superior Performance
Proven Reliability



Display

Display Size	12,1" (Alternative sizes 15", 17", 19")
Brightness	500 cd/m ²
Resolution	1024x768
Viewing Angle	160°/160° Viewing Angle
Surface	Anti-Glare Surface
Touchscreen	5-wire Resistive Touch with EMI Mesh Filter

Embedded Computer

Processor	Intel® Dual Core™ i7 1.7GHz CPU
GPU	Intel® HD Graphics 4000 GPU
Memory	Up to 16 GB DDR3 ECC 1600MHz Memory
Storage	Up to 512 GB
I/O Ports	1x MIL-DTL-38999 Power Connector, 1x Rugged USB3.0 FTV Connector, 1x MIL-DTL-38999 Gigabit Ethernet Connector, 1x MIL-DTL-38999 RS-232 Connector, 1x M55116-Type Audio Connector Customizable outputs: Up to 3xUSB 3.0 Up to 4xUSB 2.0 Up to 2xRS-232 Up to 2xGigabit Ethernet 1x Stereo Audio In/Out 1x VGA 1x DVI-D/HDMI
Supported OS	Windows 7, Windows 8, Linux

General Characteristics

Power Input	10-36VDC
Power Consumption	40W (typical)
Mounting Type	Console Mount or Stand-Alone
Mechanical Dimensions (in mm)	Console Mount: 321(W)x264(H)x105(D, including heatsink) Stand Alone: 293(W)x248(H)x98(D, including heatsink)
Weight (kg)	6.5
Cooling Type	Conduction Cooled
RoHS	Compliant

Environmental (Design-To-Meet)

Shock	40g, 11ms, saw-tooth waveform, MIL-STD-810G, Method 516.6 Procedure I
Vibration	Power Spectral Density = 0.04g ² /Hz at 20Hz - 1000Hz, -6dB/Octave at 1000Hz - 2000Hz. MIL-STD-810G, Method 514.6 Procedure I
Temperature	Operating: -20°C to 60°C (MIL-STD-810G) Storage: -30°C to 85°C (MIL-STD-810G)
Humidity	95% RH @ 40°C (MIL-STD-810G)
IP Rating	IP65
EMI	MIL-STD 461F for CE102, CS101, CS114, CS115, CS116, RE101, RE102, RS103