



Ruggedized Embedded Controller



Art.-No: R5003423

Main Features

- Onboard Intel Atom N270 Processor Board
- Fanless Design
- Rich IO (4 USB, 4 COM, 2 Ethernet)
- Low Power Consumption
- 4/5/8 Touch Screen & on board Controller Support(optional)

Application

- Marine
- Transportation
- Factory Automation
- Digital Signage

*Specifications are subject to change without notice.
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System

Processor	Onboard Intel Atom N270 Processor 1.6 GHz, FSB 533 MHz
Chip Set	Intel945GSE + ICH-7M
System Memory	1 x 200-pin DDRII SODIMM, Max. 2 GB (DDRII 400/533)
Ethernet	Intel 82574L, 10/100/1000 Base-TX 2x RJ45
Storage	1x Compact Flash 1x SATA II HDD
Audio	Line-Out, MIC in
I/O Interface-Front	PWR/HDD LED, Power on SW, PS/2, Keyboard & Mouse, 2x RJ45, 2x USB, 1x COM, 1x VGA
I/O Interface-Rear	Audio Phone Jack (Line-out, MIC-in) 2x USB, 3x COM, (2x RS232, 1x RS232/422/485), DC Input Phoenix Connec.
BIOS	Award Plug & Play SPI BIOS – 2MB Flash
Wake on LAN	Yes
Watchdog Timer	Generates a time-out system rest
H/W Status Monitor	Supports power supply voltages and temperature monitoring
Extension Interface	1x Mini PCI (internal)
Power Requirement	+8.5V to 19V Wide DC Input Range (AT only)

Display

Display	Supports CRT/LCD simultaneous/ dual view displays
Chip Set	Intel 945GSE integrated
Memory	Shared system memory to 244MB/DVMT 3.0
Resolutions	Up to 2048 x 1536 @ 32bpp colors for CRT Up to 1600 x 1200 @ 18bpp colors for LCD

Mechanical

Construction	Rugged Aluminium Alloy Chassis
Mounting	Wallmount, Desktop
Dimension	196 (W) x 64 (H) x 150 (D) mm
Net Weight	2.3 kg

Environmental

Operating Temp.	-15°C~55°C (5°F~131°F)-CFD
Storage Temp.	-20°C~70°C (-4°F~158°F)
Operating Humidity	5~90% @ 40°C, non-condensing
Vibration	5g rms / 5~500Hz / random operation-CFD
Shock	50g peak acceleration (11msec. duration)-CFD

Certification

Design to meet CE/FCC class A, IEC60945 BV Marine
Approval



Outline Dimensions (mm)

