

3423 Specifications



Fanless Embedded Controller

Model Number	REC3423
System	
Processor	On board Intel Atom N270 Processor 1.6GHz, FSB 533MHz
Chip Set	Intel 945GSE + ICH7M
System Memory	200-pin DDRII SODIMM x1, Max. 2GB (DDRII 400/533)
Ethernet	Intel 82574L, 10/100/1000Base-TX, RJ-45 x 2
Storage	Compact Flash x 1; SATA II HDD x 1
Audio	Line-Out, MIC in
I/O Interface- Front	PWR/HDD LED, Power on SW, PS/2 Keyboard & Mouse RJ45 x2, USBx2, COMx1, VGAx1
I/O Interface- Rear	Audio Phone Jack (Line-out, MIC-in), USBx2, COMx3 (RS232 x2, RS232/422/485 x1), DC Input Phoenix Connector
BIOS	Award Plug & Play SPI BIOS - 2MB Flash
Wake On LAN	Yes
Watchdog Timer	Generates a time-out system reset
H/W Status Monitor	Supports power supply voltages and temperature monitoring
Extension Interface	Mini PCI x 1 (internal)
Power Requirement	+8.5V to +19V Wide DC Input Range (AT only)
Display	Supports CRT/LCD simultaneous/ dual view displays
Chip Set	Intel 945GSE integrated
Memory	Shared system memory up to 224MB/DVMT3.0
Resolutions	Up to 2048 x 1536 @ 32bpp colors for CRT Up to 1600 x 1200 @ 18bpp colors for LCD
Mechanical	
Construction	Rugged Aluminum Alloy Chassis
Mounting	Wallmount, Desktop
Dimension	196(W) x 64(H) x 150 (D) mm
Net Weight	2.3kg
Environmental	
Operating Temperature	-15 C~55 C (5 F~131 F)-CFD -20 C~70 C (-4 F~158 F) 5~90% @ 40 C, non-condensing
Storage Temperature	5g rms / 5~500Hz / random operation-CFD
Operating Humidity	50g peak acceleration (11msec. duration)-CFD
Certification	Design to meet CE/FCC class A, IEC60945 BV Marine Approval