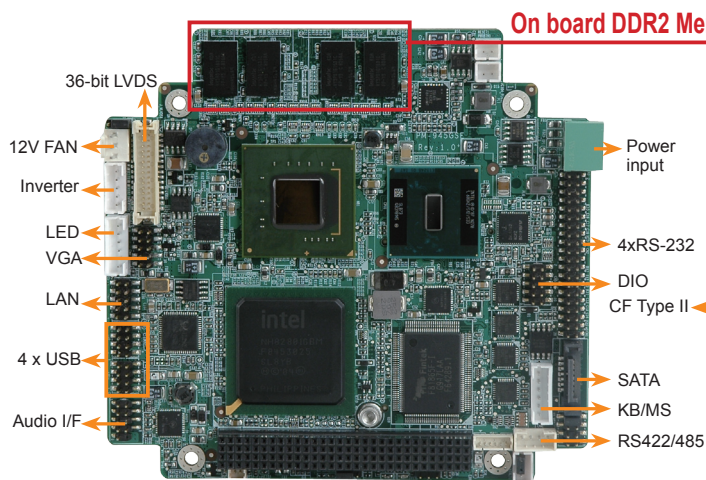


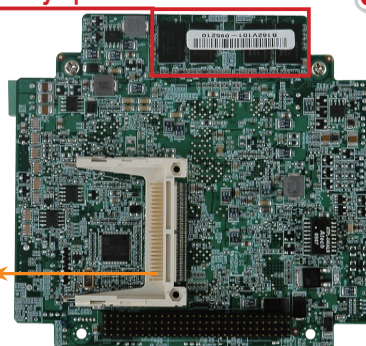
PM-945GSE

PCI-104 SBC with Intel® Atom™ 1.6GHz CPU, VGA/
LVDS, LAN, USB, SATA, 4COM and on Board 1GB Memory

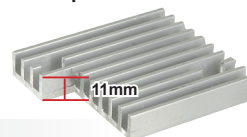


On board DDR2 Memory up to 1GB

On board 1GB Memory



Ship with Heat sink



DDR2 533

FSB 533

HI-SPEED CERTIFIED USB Fanless

SERIAL ATA

Specifications

- ◆ CPU
Intel® Atom™ Processor N270 1.6GHz with a 533Mhz FSB
- ◆ System Chipset
Intel® 945GSE/ICH7-M
- ◆ BIOS
AMI BIOS
- ◆ Memory
On board 1GB DDR2 SDRAM supported.
- ◆ Ethernet
One PCIe 10/100Mbps Realtek 8102E chipset
- ◆ I/O interface
4 x USB 2.0 1 x SATA
4 x RS-232 1 x RS-422/485 (Share with COM2)
1 x PS/2 for KB/MS 1 x CF Type II
- ◆ Digital I/O
8-bit digital I/O (4-bit input, 4-bit output)
- ◆ Expansion
PCI-104
- ◆ Audio
5.1 channel audio kit with Realtek ALC655 AC'97 codec
7.1 channel HD audio kit with Realtek ALC883 codec supports dual audio streams
- ◆ Display Interface
Intel® Graphics Media Accelerator 950
VGA integrated in Intel® 945GSE
18 bit dual-channel LVDS integrated in Intel® 945GSE
- ◆ Power Supply
5V only, 12V for LCD/FAN, AT/ATX support
- ◆ Super IO
Fintek F81865
- ◆ Watchdog Timer
software programmable 1-255 sec. by super I/O
- ◆ Temperature
operation: 0°C~ 60°C (32°F~ 140°F)
- ◆ Humidity
operation: 5% ~95 non-condensing
- ◆ Power Consumption
5V@2.6A (Intel® Atom™ N270 1.6GHz, 1GB DDR2)
- ◆ Dimensions
108.59mm x 116mm (4.275" x 4.55")
- ◆ Weight
GW: 650g / NW: 250g

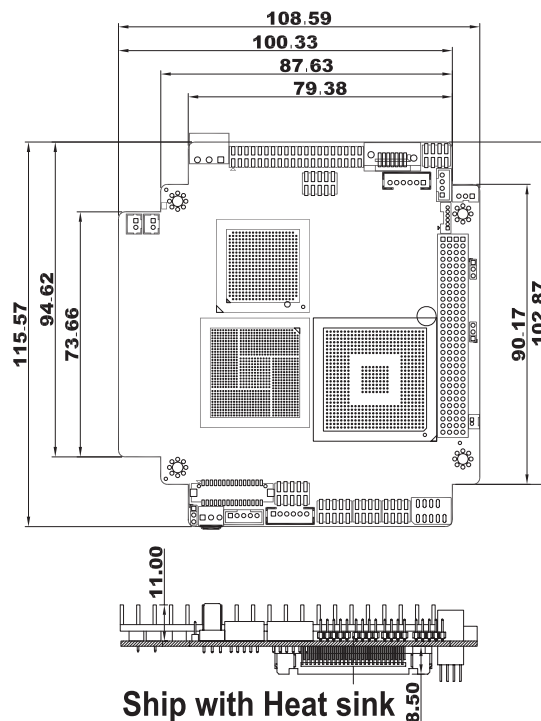
Packing List

1 x PM-945GSE single board computer	
1 x Power cable (P/N: 32100-130300-RS)	
1 x SATA cable (P/N: 32000-062800-RS)	
1 x KB/MS cable (P/N: 32000-023800-RS)	
1x Quad RS-232 cable (P/N: 32100-147900-RS)	
1x VGA cable (P/N: 32000-033804-RS)	
1 x LAN cable (P/N: 32000-055702-RS)	
2 x Dual USB cable (P/N: 32000-070301-RS)	
1 x Mini jumper pack	
1 x CD Utility	1 x QIG

Features

1. Intel® Atom™ N270 1.6GHz CPU for Ultra Low Voltage Fan-less support
2. Single 5V Power design, 12V for LCD/FAN
3. 18-bit dual channel LVDS + VGA support dual independent display
4. On board Memory support up to 1GB
5. Support 4x COM, 4x USB2.0, 1x SATA and CF Typell socket
6. Low Profile Heat sink design

Dimensions(mm)



Ordering Information

Part No.	Description
PM-945GSE-N270-R10	PCI-104 SBC with Intel® Atom™ 1.6GHz CPU, VGA/LVDS, LAN, USB, SATA, 4COM and on Board 1GB memory
32200-074800-RS	RS-422/485 cable
32100-088600-RS	SATA power cable
32100-052100-RS	ATX power cable
AC-KIT08R-R10	5.1 channel AC'97 Audio Kit with Realtek ALC655 codec
AC-KIT883HD-R10	7.1 channel HD Audio Kit with Realtek ALC883 codec support dual audio streams