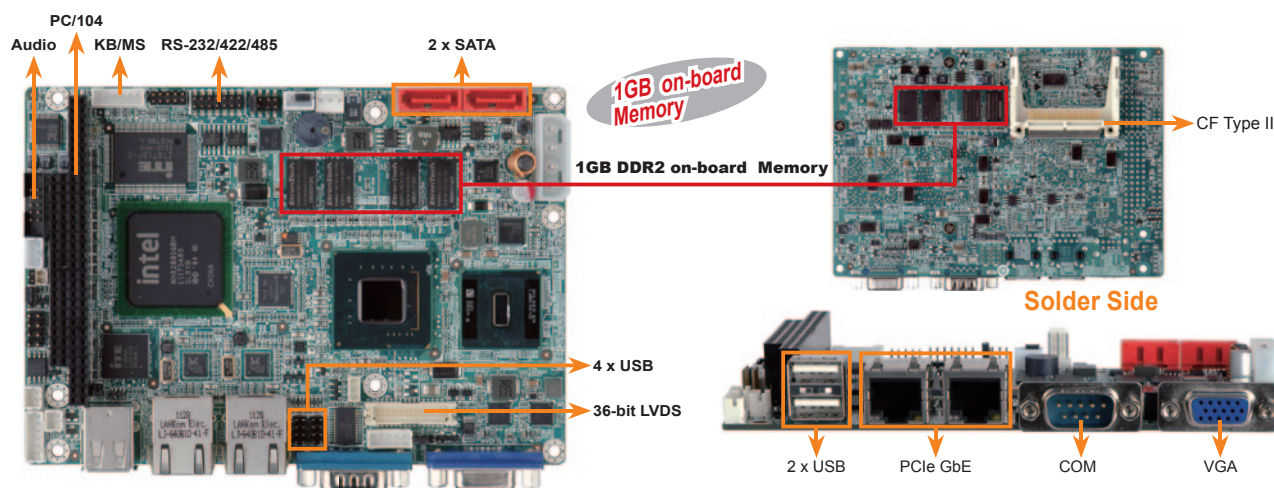


WAFER-945GSE2-R20

3.5" SBC with Intel® Atom™ N270 1.6G, VGA/LVDS, Dual GbE, CF Type II, USB, SATA, 1GB on-board Memory and PC/104



Specifications

- ◆ CPU
Intel® Atom™ processor N270 1.6GHz with a 533MHz FSB
- ◆ System Chipset
Intel® 945GSE
Intel® 82801GBM / ICH7M
- ◆ BIOS
AMI BIOS
- ◆ Memory
1GB on-board DDR2 SDRAM
- ◆ Ethernet
Dual Realtek RTL8111E PCIe GbE controllers
- ◆ I/O Interface
6 x USB 2.0 2 x SATA
1 x RS-232 1 x RS-232/422/485
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
PC/104 (ISA Bus, not support ISA DMA Mode)
- ◆ Audio
Realtek ALC662 with HD codec
- ◆ Display Interface
Intel® Graphics media accelerator 950
VGA integrated in Intel® 945GSE
18-bit dual-channel LVDS integrated in Intel® 945GSE
- ◆ Watchdog Timer
Software programmable support 1~255 sec. system reset
- ◆ Power Supply
5V only, 12V for LCD / system fan, AT/ATX support
- ◆ Super IO
ITE IT8718
- ◆ Watchdog Timer
software programable 1-255 sec. by super I/O
- ◆ Temperature
Operation: 0°C ~ 60°C (WAFER-945GSE2-N270-R20)
Operation: -20°C ~ 70°C (WAFER-945GSE2-N270W-R20)
- ◆ Humidity
Operation: 5% ~95% non-condensing
- ◆ Power Consumption
5V@2.36A (Intel® Atom™ N270 1.6G with on-board 1GB DDR2)
- ◆ Dimensions
146 mm x 102 mm
- ◆ Weight
GW: 700g / NW 230g

Packing List

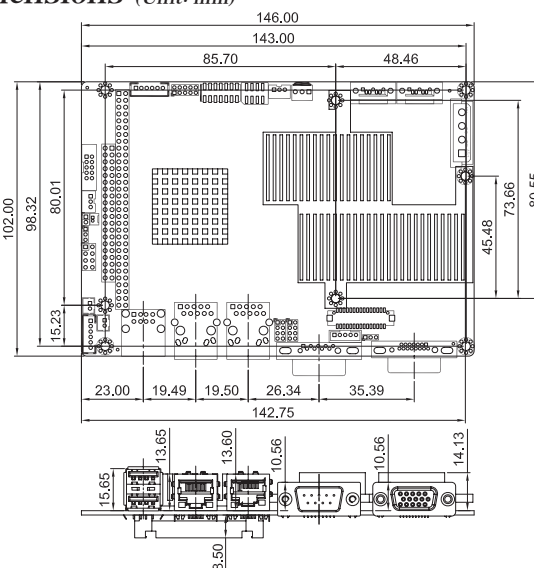
- 1 x WAFER-945GSE2 single board computer
- 2 x SATA cable (P/N: 32000-062800-RS)
- 1 x KB/MS cable (P/N: 32000-023800-RS)
- 1 x Audio cable (P/N: 32000-072100-RS)
- 4 x Plastic intermediate pole for PC/104
- 1 x Mini jumper pack
- 1 x Utility CD
- 1 x QIG



Features

1. Intel® Atom™ N270 1.6GHz processor for ultra low voltage fan-less support
2. Support VGA and LVDS for dual display
3. On-board 1GB DDR2 memory
4. Support two COM, six USB2.0, two SATA and one CF type II socket
5. Support PC/104 ISA expansion slot
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Dimensions (Unit: mm)



Ordering Information

Part No.	Description
WAFER-945GSE2-N270-R20	3.5" SBC with Intel® Atom™ processor N270 1.6G, VGA/LVDS, Dual GbE, CF II, USB, SATA, on board 1GB memory and PC/104
WAFER-945GSE2-N270W-R20	3.5" SBC with Intel® Atom™ processor N270 1.6G, VGA/LVDS, Dual GbE, CF II, USB, SATA, on board 1GB memory and PC/104, -20°C ~ 70°C
32000-070301-RS	Dual port USB cable
32200-026500-RS	RS-232/422/485 cable
32100-052100-RS	ATX power cable
32100-088600-RS	SATA power cable