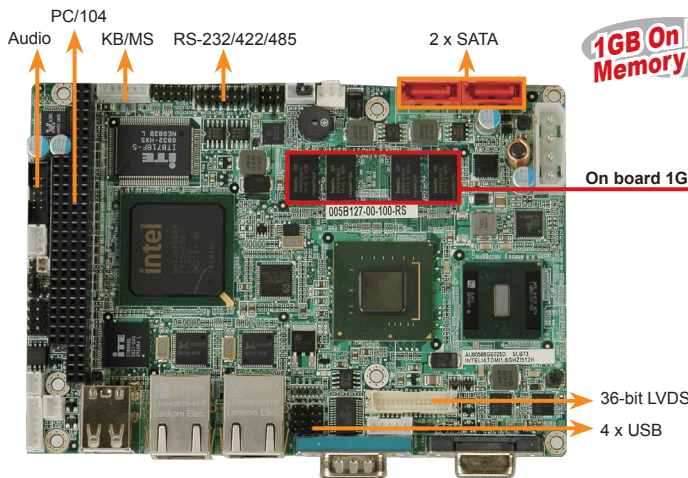


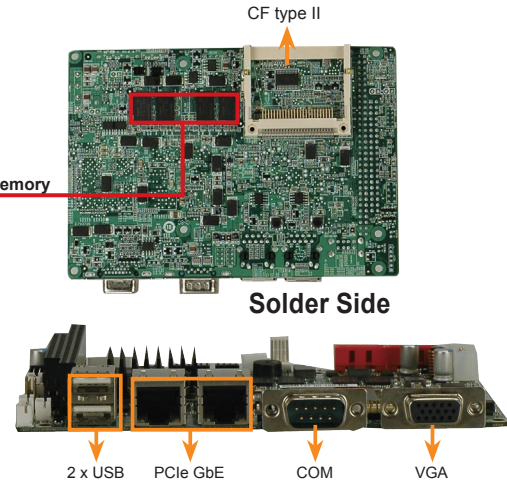
WAFER-ATOM2

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



1GB On board Memory

On board 1GB DDR2 Memory



Solder Side

Specifications

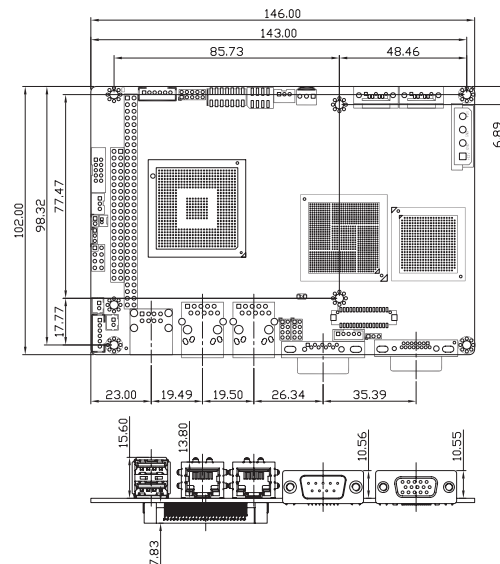
- ◆ CPU
Intel® Atom™ Processor N270 1.6GHz with a 533Mhz FSB
- ◆ System Chipset
Intel® 945GSE
Intel® 82801GBM/ICH7M
- ◆ BIOS
AMI BIOS
- ◆ Memory
On board 1GB DDR2 SDRAM supported.
- ◆ Ethernet
Dual PCIe Realtek 8111CP GbE chipsets
- ◆ I/O interface
6 x USB 2.0 2 x SATA
1 x RS-232 1 x RS-232/422/485
1 x PS/2 for KB/MS 1 x CF Type II
- ◆ Infrared Interface
N/A
- ◆ 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 ALC655 with AC'97 codec
- ◆ Display Interface
Intel® Generation 3.5 integrated GFX Core (133Mhz)
VGA integrated in Intel 945GSE
18 bit dual-channel LVDS integrated in Intel 945GSE
- ◆ WDT
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 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@3.1A (Intel® Atom™ N270 1.6G with on board 1GB DDR2)
- ◆ Dimension
146 mm x 102 mm
- ◆ Weight
GW: 700g NW 230g



Features

1. Intel® Atom™ N270 1.6GHz CPU for Ultra Low Voltage Fan-less support
2. Support Dual display for VGA+LVDS
3. On board 1GB DDR2 Memory support
4. Support 2x COM, 6x USB2.0, 2x SATA and CF Typell socket
5. Support PC/104 ISA expansion slot

Dimensions (mm)



Packing List

1 x WAFER-ATOM2 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)
1 x Mini Jumper pack
1 x Utility CD
1 x QIG (Quick Installation Guide)

Ordering Information

Part No.	Description
WAFER-ATOM2-N270-R10	3.5" SBC with Intel® Atom™ N270 1.6G, VGA/LVDS, Dual GbE, CFII, USB, SATA, on board 1GB Memory and PC/104
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