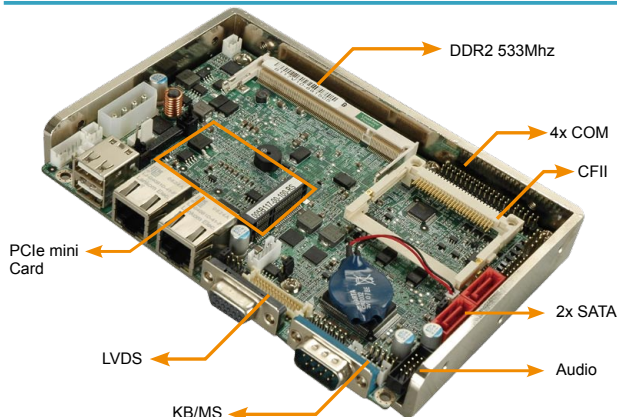


WAFER-ATOM

3.5" SBC with Intel® Atom™ Processor, VGA/LVDS/
Dual PCIe GbE, CF type II, SATA

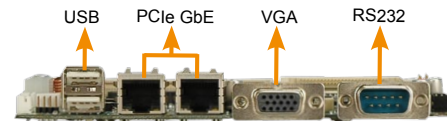
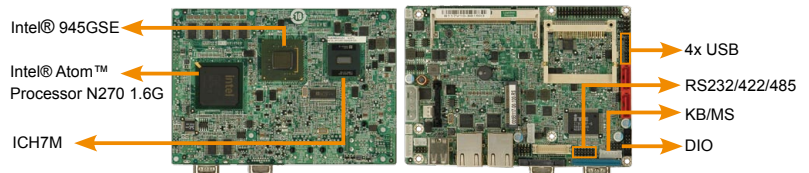


Specifications

- ◆ CPU
Intel® Atom™ Processor N270 1.6GHz with a 533Mhz FSB
- ◆ System Chipset
Intel® 945GSE / Intel® 82801GBM/ICH7M
- ◆ BIOS
AMI BIOS
- ◆ Memory
One 200-pin 400/533MHz DDR2 SDRAM SO-DIMM supported (system max. 2GB)
- ◆ Ethernet
Dual PCIe Realtek 8111CP GbE Chipsets
- ◆ I/O interface
6x USB 2.0
2x SATA
5x RS-232
1x RS-232/422/485
1x PS/2 for KB/MS
1x CF Type II
- ◆ Infrared Interface
N/A
- ◆ Digital I/O
8-bit digital I/O (4-bit input, 4-bit output)
- ◆ Expansion
1x PCI Express Mini Card
- ◆ Audio
Realtek ALC655 with AC'97 codec
- ◆ Display Interface
Intel Generation 3.5 integrated GFX Core (133Mhz)
VGA intergrated in Intel 945GSE
18 bit dual-channel LVDS intergrated in Intel 945GSE
- ◆ 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 ~ 60°C (32 ~ 140°F)
- ◆ Humidity
operation: 5% ~95 non-condensing
- ◆ Power Consumption
5V@2.94A (Intel® Atom™ N270 1.6G with 1GB DDR2)
- ◆ Dimension
146 mm x 102 mm
- ◆ Weight
GW: 700g NW 230g

Packing List

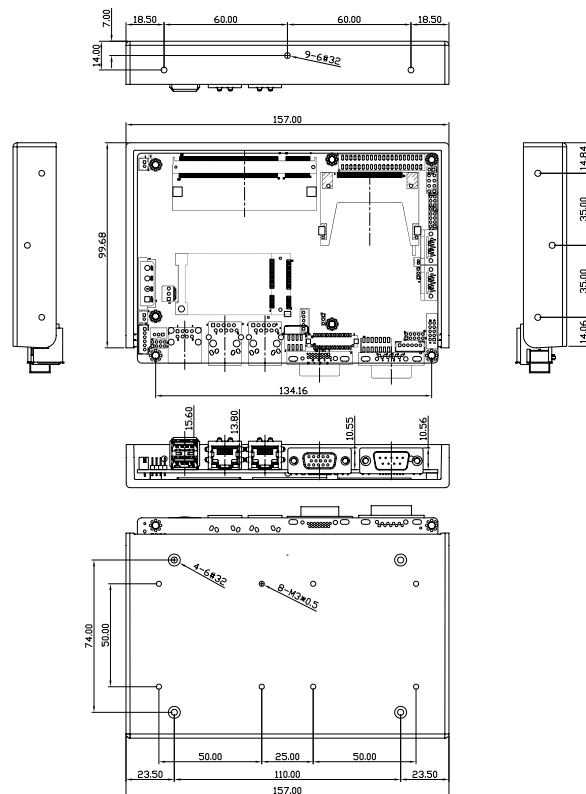
1x WAFER-ATOM Single board computer
1x 4x RS-232 cable (P/N: 32200-025401-RS)
2x SATA Cable (P/N: 32000-062800-RS)
1x KB/MS Cable (P/N: 32000-043301-RS)
1x Audio Cable (P/N: 32000-072100-RS)
1x Enclosure Heatsink
1x Mini Jumper pack
1x Utility CD
1x QIG (Quick Installation Guide)



Features

1. Intel® Atom™ N270 1.6GHz CPU for Ultra Low Voltage Fan-less support
2. Support Dual display for VGA+LVDS
3. System Memory support up to 2GB/DDR2 533MHz
4. Support 6x COM , 6x USB2.0 , 2x SATA and CF TypeII socket
5. Thermal design for easy assembly

Dimensions (mm)



Ordering Information

Part No.	Description
WAFER-ATOM-N270-R10	3.5" SBC with Intel® Atom™ N270 1.6G, VGA/LVDS, Dual GbE,CFII, USB, SATA
32000-070301-RS	Dual Port USB Cable
32200-026500-RS	RS-232/422/485 Cable
32100-043403-RS	ATX Power Cable
32100-088600-RS	SATA Power Cable
IO-KIT-4COM-R10	4 COM Ports Adapter Board