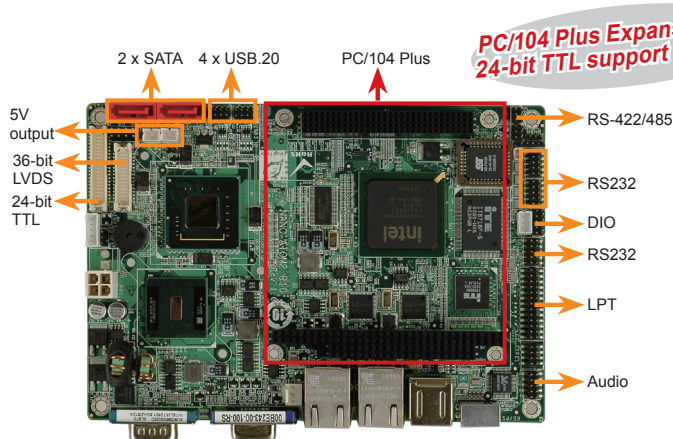
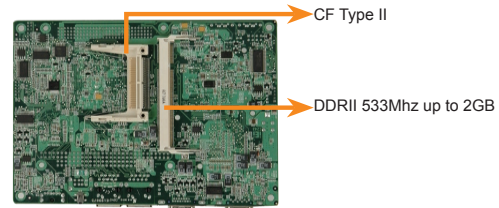


epic NANO-ATOM2

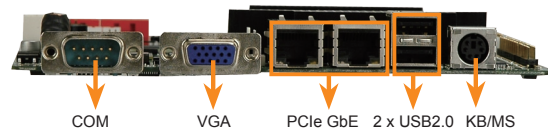
EPIC SBC with Intel® Atom™ Processor, VGA/LCD/ Dual PCIe GbE, CF type II, SATA, PC/104 Plus



PC/104 Plus Expansion support
24-bit TTL support



Solder Side



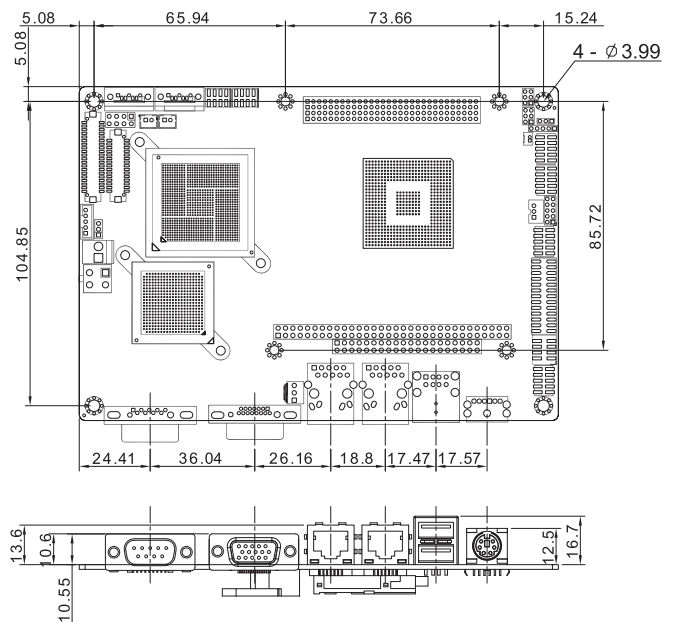
Specifications

- ◆ CPU
Intel® Atom™ Processor N270 1.6GHz with a 533Mhz FSB
- ◆ System Chipset
Intel® 945GSE
Intel® 82801GBM/ICH7M
- ◆ BIOS
AMI BIOS
- ◆ System Memory
One 200-pin 533MHz DDR2 SDRAM SO-DIMM supported (system max. 2GB)
- ◆ Ethernet
Dual PCIe Realtek 8111CP GbE Chipsets
- ◆ I/O interface
6 x USB 2.0
2 x SATA
3 x RS232
1 x RS-232/422/485 (RS-232, RS-422/485 shared with COM3)
1 x PS/2 for KB/MS
1 x LPT
1 x CF Type II
- ◆ Infrared Interface
1x Infrared Interface by pin header
- ◆ Expansions
1x PC/104-Plus
- ◆ Super IO
ITE IT8718
- ◆ Digital I/O
8-bit digital I/O, 4-bit input/4-bit output by super I/O
- ◆ 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
24 bit TTL (LVDS to TTL)
- ◆ Watchdog Timer
software programmable 1-255 sec. by super I/O
- ◆ Power Supply
12V only, AT/ATX support
- ◆ Power Consumption
12V@ 1.45A (Intel® Atom™ N270 with 1GB DDR2)
- ◆ Temperature
operation: 0°C~60°C (32°F~140°F)
- ◆ Humidity
operation: 5% ~95 non-condensing
- ◆ Dimension
165 mm x 115 mm
- ◆ Weight
GW: 700g NW 350g

Features

1. Intel® Atom™ N270 1.6GHz CPU for Ultra Low Voltage Fan-less support
2. Single 12V power input, Provide 5V output for SATA Device
3. Dual Display support by VGA+LVDS, VGA+TTL
4. Support 4 x COM, 6x USB, 2x SATA and CF Type II socket

Dimensions (mm)



Ordering Information

Part No.	Description
NANO-ATOM2-N270-R10	EPIC SBC with Intel® Atom™ N270 1.6GHz, VGA/LVDS/TTL, Dual GbE, CFII, USB, SATA and PC/104+
32000-070301-RS	Dual Port USB Cable
32200-015100-RS	LPT Cable
32200-833600-RS	RS-422/485 Cable
32100-052100-RS	ATX Power Cable
32100-088600-RS	SATA Power Cable
32000-114000-RS	SATA 5V power output Cable Kit for NANO series

Packing List

- 1 x NANO-ATOM2 Single board computer
- 2 x RS-232 cable (P/N: 32200-000049-RS)
- 2 x SATA Cable (P/N: 32000-062800-RS)
- 1 x KB/MS Cable (P/N: 32000-000138-RS)
- 1 x Power Cable (P/N: 32100-087100-RS)
- 1 x Mini Jumper Pack
- 1 x Utility CD
- 1 x QIG (Quick Installation Guide)