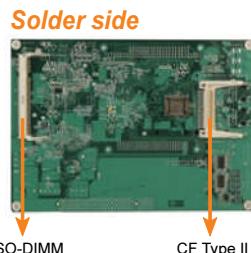
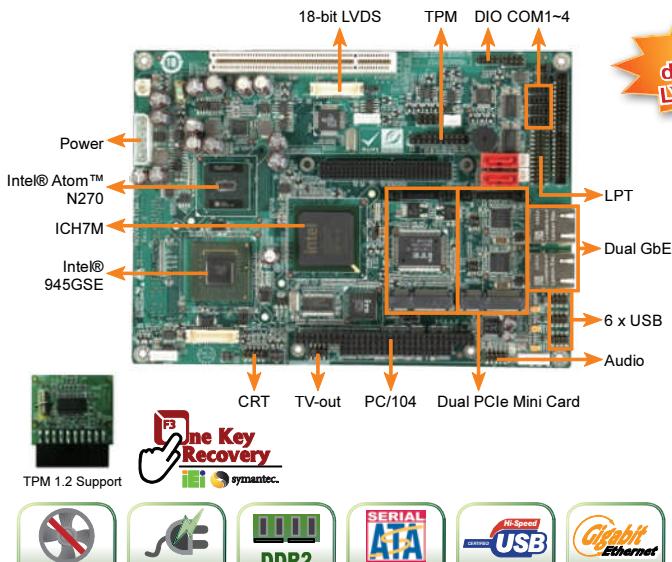


NOVA-945GSE-R20

5.25" SBC, Intel® Atom™ N270 1.6GHz, LVDS/VGA/HDTV, Dual PCIe Mini, Dual PCIe GbE, USB 2.0, SATA, RoHS



Features

1. 1.6GHz Intel® Atom™ N270 processor with fanless support
 2. 400/533MHz DDR2 SO-DIMM memory support up to 2GB
 3. Support dual PCIe Mini card/PCI slot for expansion
 4. Dual LVDS support dual display output
 5. CF socket for storage expansion
 6. TPM support

7. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Packing List

1 x NOVA-945GSE-R20 single board computer	
1 x Audio cable (P/N: 32000-072100-RS)	1 x VGA cable (P/N: 32000-033804-RS)
1 x KB/MS Y cable (P/N: 32000-023800-RS)	1 x One Key Recovery CD
4 x RS-232 cable (P/N: 32205-002700-100-RS)	1 x Mini jumper pack
2 x SATA cable (P/N: 32801-000703-200-RS)	1 x Utility CD
1 x USB cable (P/N: 32001-008600-100-RS)	1 x QIG

Specifications

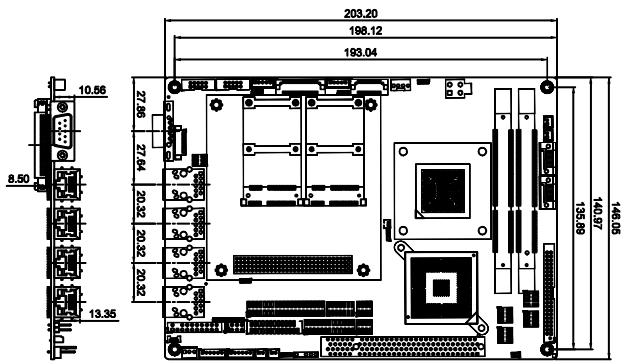
- ◆ CPU
Intel® Atom™ N270 1.6GHz with a 533MHz FSB
 - ◆ System Chipset
Intel® 945GSE+ICH7M
 - ◆ BIOS
AMI BIOS
 - ◆ Memory
One 200-pin 400/533MHz DDR2 SDRAM SO-DIMM supported (system max. 2GB)
 - ◆ Ethernet
Dual Realtek PCIe RTL8111CP GbE LAN
 - ◆ Graphic
Intel® Graphics Media Accelerator 950
 - ◆ I/O Interface

3 x RS-232	1 x RS-232/422/485
6 x USB 2.0	2 x SATA with 5V output
1 x LPT	1 x IDE
1 x 6-pin header for KB/MS	
 - ◆ Expansion

1 x PCI/104 + (ISA+PCI bus)
2 x PCIe Mini card
1 x PCI
 - ◆ Digital I/O
8-bit digital I/O (4-bit input, 4-bit output)
 - ◆ Infrared Interface
1x 5-pin infrared interface by pin header
 - ◆ Super IO
ITE IT8718F
 - ◆ Display Output
Analog CRT support CRT hotplug
HDTV supported by component interface
 - ◆ Audio
AC'97 ALC655 codec
 - ◆ SSD
CF Type II
 - ◆ Watchdog Timer
Software programmable supports 1~255 sec. system reset
 - ◆ TPM
1x 20-pin header
 - ◆ Power Supply
5V only, 12V for LCD/system fan, AT/ATX power
 - ◆ Power Consumption
5V@3.49A (Intel® Atom™ N270 with 512MB DDR2)
 - ◆ Temperature Operation
0°C ~ 60°C (32°F~140°F)
 - ◆ Humidity Operation
5% ~ 95%, non-condensing
 - ◆ Dimensions
203mm x 146mm
 - ◆ Weight
GW:1000g, NW:400g

5.25" NOVA Dimensions (Unit: mm)

NOVA-PV-D4251/D5251



NOVA-945GSE-R20

