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NANO-945GSE

EPIC SBC with Intel® Atom™ processor, VGA/Dual LVDS/Dual PCIe GbE, CF Type II, SATA

- Feature
- Ordering Information
- See Large Image(s)
- Catalog Download

Downloads

- QIG
- User Manual
- BIOS
- Driver

Features

1. Intel® Atom™ processor N270 1.6GHz CPU for ultra low voltage fan-less support
2. Single 12V power input, 5V output for SATA device
3. Dual LVDS supports dual independent display
4. Support four COM, six USB, two SATA
5. Support PCIe Mini Card, PCI-104 for expansion
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

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 8111E GbE chipset
I/O Interface	6 x USB 2.0 1 x IDE 1 x RS-232/422/485 1 x LPT 2 x SATA 3 x RS-232 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 by supper I/O
Super I/O	ITE IT8718
Infrared	1 x Infrared Interface by pin header
Audio	5.1 channel audio kit with Realtek ALC655 AC'97 codec 7.1 channel HD audio kit with Realtek ALC883 codec supports dual audio streams
Display Interfaces	Intel® Graphics Media Accelerator 950 VGA intergrated in Intel® 945GSE support HDTV resolution up to 1080i by component interface Dual LVDS support: 18 bit dual-channel LVDS intergrated in Intel® 945GSE 18/24 dual-channel LVDS Support HDTV resolution up to 1080i by component interface **Dual LVDS support:**18-bit dual-channel LVDS intergrated in Intel® 945GSE 18/24 dual-channel LVDS support by Chrontel CH7308B (NANO-945GSELVDS2)
Expansion	1 x PCI-104 (PCI Bus) 1 x PCIe mini card
Watchdog Timer	Software programable 1-255 sec. by super I/O
Power Supply	12V only,AT/ATX support
Power Consumption	12V@1.53A (Intel® Atom™ N270 with 2GB DDR2)
Temperature	Operation: 0°C ~ 60°C (NANO-945GSE-N270-R10) Operation: -40°C ~ 85°C(NANO-945GSE-N270W2-R10) Operation: -20°C ~ 70°C (NANO-945GSE-N270W-R10)
Humidity	Operation: 5% ~95 non-condensing
Dimensions	165 mm x 115 mm
Weight	GW: 700g NW 350g

Ordering Information

Part No.	Description
NANO-945GSE-N270-R20	EPIC SBC with Intel® Atom™ Processor N270 1.6 GHz, VGA/18 bit dual-channel LVDS, Dual GbE,CFII, USB, SATA
NANO-945GSE-N270W2-R20	1 x Utility CD EPIC SBC with Intel® Atom™ Processor N270 1.6 GHz, VGA/18 bit dual-channel LVDS, Dual GbE,CFII, USB, SATA, -40~85°C
NANO-945GSE-N270W-R20	EPIC SBC with Intel® Atom™ Processor N270 1.6 GHz, VGA/18 bit dual-channel LVDS, Dual GbE,CFII, USB, SATA ,-20~70°C
NANO-945GSELVDS2-N270W2-R20	EPIC SBC with Intel® Atom™ Processor N270 1.6 GHz, VGA/18+24bit dual- Channel LVDS, Dual GbE,CFII, USB, SATA
NANO-945GSELVDS2-N270W2-R20	EPIC SBC with Intel® Atom™ Processor N270 1.6 GHz, VGA/18+24bit dual- Channel LVDS, Dual GbE,CFII, USB, SATA , -40~85°C
NANO-945GSELVDS2-N270W-R20	EPIC SBC with Intel® Atom™ Processor N270 1.6 GHz, VGA/18+24bit dual-Channel LVDS, Dual GbE,CFII, USB, SATA , -20~70 °C
32000-044300-RS	Dual port USB cable
32200-015100-RS	LPT cable
32200-026500-RS	RS-232/422/485 cable
32100-043403-RS	ATX power cable
32000-083701-RS	HDTV out cable
32200-000009-RS	44-pin 2.5" IDE cable
32200-008800-RS	44pin to 2.5"/3.5" IDE cable
32102-000100-200-RS	SATA power cable
32801-000201-100-RS	SATA 5V power output cable kit for NANO series
AC-KIT08R-R10	5.1 channel AC'97 audio kit with realtek ALC655 codec
AC-KIT-888HD-R10	7.1 channel HD audio kit with realtek ALC888 codec support dual audio streams

Packing List

1 * NANO-945GSE single board computer	2 * RS-232 cable (P/N:32200-000049-RS)
2 * SATA cable (P/N:32000-062800-RS)	1 * KB/MS cable (P/N:32006-000300-100-RS)
1 * Power cable (P/N:32100-087100-RS)	1 * Mini jumper pack
1 * Utility CD	1 * QIG

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