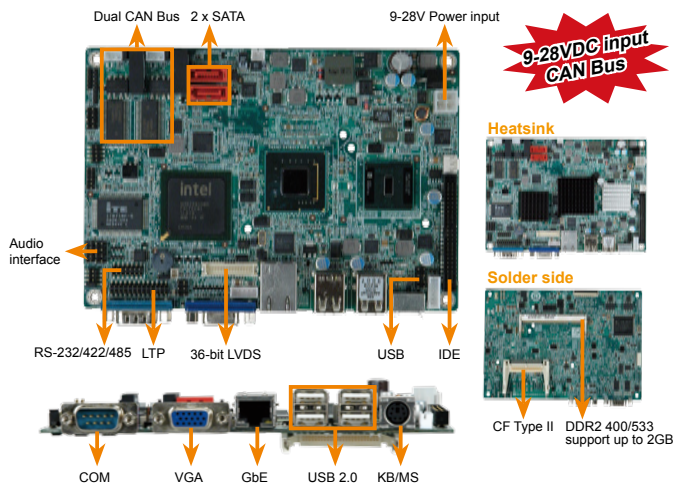


epic NANO-945GSE3

EPIC SBC with Intel® Atom™ N270 1.6GHz, VGA/LVDS, PCIe GbE, CF Type II, SATA, and CAN Bus



Features

1. Intel® Atom™ N270 1.6GHz processor CPU with ultra low voltage fan-less support
2. 9V~28V wide range voltage input
3. Support two COM ports, six USB ports and two SATA ports
4. Support two CAN-Bus interface
5. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

- ◆ CPU
1.6GHz Intel® Atom™ N270 processor with a 533MHz FSB
- ◆ System Chipset
Intel® 945GSE+ICH7M
- ◆ BIOS
AMI BIOS
- ◆ System Memory
One 200-pin 400/533MHz DDR2 SDRAM SO-DIMM supported (system max. 2GB)
- ◆ Ethernet
One Realtek RTL8111CP PCIe GbE controller
- ◆ Display Output
Intel® Graphics Media Accelerator 950
VGA integrated in Intel® 945GSE
18-bit dual-channel LVDS integrated in Intel® 945GSE
- ◆ I/O Interface
1 x RS-232 1 x LPT
1 x IDE 1 x RS-232/422/485
2 x SATA 1 x CF Type II
1 x PS/2 KB/MS 6 x USB 2.0
- ◆ Digital I/O
8-bit digital I/O (4-bit input, 4-bit output)
- ◆ Infrared Interface
1 x Infrared interface by pin header
- ◆ Super I/O
ITE IT8718F
- ◆ Watchdog Timer
Software programmable support 1~255 sec. system reset
- ◆ CAN-Bus Interface
2 x CAN-bus interface
PCI to CAN-bus CPLD: Xilinx XC95288XL-10TQG144C
CAN-bus controller: Philips SJA1000T
CAN-bus transceiver: Philips PCA82C251
Signal support: CAN_H, CAN_L
Isolated protection: 2500Vrms on CAN side
Programmable transfer rate: up to 1Mbps
Drive support: Windows® XP, Windows® XP Embedded
- ◆ Audio
Support by audio kit (AC'97 & HD)
5.1 channel AC'97 audio kit with Realtek ALC655 codec
7.1 channel HD audio kit with Realtek ALC888 codec supports dual audio streams
- ◆ Power Supply
AT/ATX support
Power input: 9-28V Wide Range Voltage Input
- ◆ Power Consumption
12V@1.49A(Intel® Atom™ N270 with 2GB DDR2)
- ◆ Operation Temperature: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ Operation Humidity: 5% ~95% non-condensing
- ◆ Dimensions: EPIC 165mm x 115mm
- ◆ Weight: GW:700g / NW:320g

Packing List

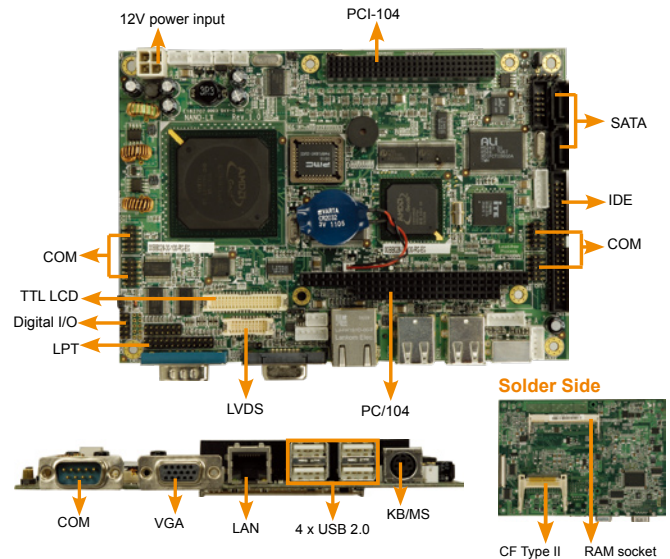
1 x NANO-945GSE3 single board computer	
1 x SATA with power cable kit (P/N: 32801-000201-100-RS)	
2 x CAN-bus cable (P/N: 32100-212800-RS)	
1 x KB/MS cable (P/N: 32006-000300-100-RS)	
1 x Power cable (P/N: 32100-087100-RS)	1 x Mini jumper pack
1 x Utility CD	1 x QIG

Ordering Information

Part No.	Description
NANO-945GSE3-N270-R10	EPIC SBC with Intel® Atom™ processor supports VGA/LVDS, PCIe GbE, CF type II, SATA, and CAN-bus
32200-000009-RS	44 pin to 44 pin 2.5" IDE cable
32000-044300-RS	USB cable
32200-026500-RS	RS-232/422/485 cable
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
32200-015100-RS	LPT cable
32000-083701-RS	HDTV out cable
32000-062800-RS	SATA cable
32100-000100-100-RS	SATA power cable
32100-000100-200-RS	
32100-192900-RS	One 4-pin (2x2) to one 4-pin(1x4) DC power cable with terminal block

epic NANO-LX-R12

EPIC SBC with AMD® LX800 CPU, Audio, VGA/ LVDS, SATA and RAID 0, 1, JBOD Function Support



Features

1. EPIC form factor, AMD® LX800 processor embedded board with RoHS compliant
2. DDR 400MHz SO-DIMM SDRAM up to 1GB
3. VGA, 24-bit TTL, and 18-bit single-channel LVDS
4. SATA RAID 0, 1, JBOD function support
5. Complete I/O support with two SATA, IDE, PC/104-Plus and four USB 2.0
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

- ◆ CPU
On board AMD® Geode™ LX800 (500MHz) processor
- ◆ System Chipset
AMD® Geode LX800 +AMD® CS5536
- ◆ BIOS
AWARD
- ◆ System Memory
One 200-pin 400/333MHz DDR SDRAM SO-DIMM supported (system max. 1GB)
- ◆ Ethernet
10/100Mbps Realtek RTL8100C chipset
- ◆ I/O Interface
4 x USB 2.0
2 x SATA with VIA VT6421A RAID 0, 1 function support
1 x CF Type II
1 x LPT
6 x RS-232
1 x RS-422/485
1 x PS/2 for KB/MS
1 x IDE
- ◆ Expansions
1 x PC/104-Plus
- ◆ Audio
Realtek ALC203 with AC'97 Codec
- ◆ Infrared Interface
1 x Infrared interface by pin header
- ◆ Digital I/O
8-bit digital I/O, 4 input/ 4 output by super I/O
- ◆ Super I/O
W83627EHG
- ◆ Display Interface
VGA integrated in AMD® LX800
24-bit single channel TTL
18-bit single channel LVDS
- ◆ Watchdog Timer
Software programmable supports 1-255 sec. system reset
- ◆ Power Supply
12V only, AT/ATX support
- ◆ Power Consumption
12V@ 0.92A (AMD® LX800 with DDR 400MHz, 256MB RAM)
- ◆ Temperature
Operating: 0°C ~ 60°C (32 ~ 140 °F)
- ◆ Humidity
Operating: 5% ~ 95%, non-condensing
- ◆ Dimensions
115 mm x 165 mm
- ◆ Weight
GW: 950 g; NW: 350 g

Packing List

1 x NANO-LX single board computer	
1 x IDE flat cable 44p/44p (P/N: 32200-000009-RS)	
1 x SATA power cable (P/N: 332102-000100-200-RS)	
2 x RS-232 port cable (P/N: 32200-000049-RS)	
1 x KB/MS Y cable (P/N: 32006-000300-100-RS)	
1 x Audio cable (P/N: 32000-072100-RS)	2 x SATA cable (P/N: 32000-062800-RS)
1 x Power cable (P/N: 32100-087100-RS)	1 x Mini jumper pack
1 x Utility CD	1 x QIG

Ordering Information

Part No.	Description
NANO-LX-800-R12	EPIC SBC, AMD® LX800 500MHz Processor, VGA/LVDS/TTL, LAN, SATA and Audio
32200-015100-RS	LPT cable
32100-052100-RS	ATX power cable
32200-026500-RS	RS-232 and RS-422/485 cable