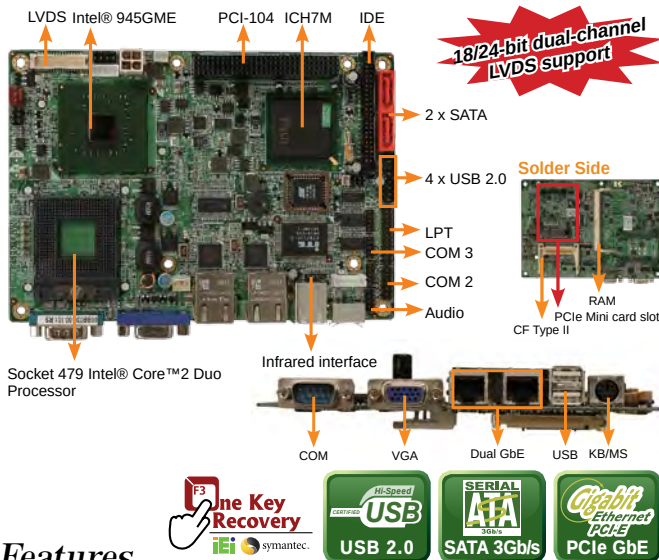


epic NANO-9452-R40

EPIC SBC with Intel® Core™2 Duo/Core™ Duo/Solo processor, SATA, Dual PCIe GbE, CF Type II, IDE, USB 2.0 & audio

**Features**

1. Support Intel® Core™2 Duo, Core™ Duo/Solo processor with 667 MHz FSB
2. VGA integrated in Intel® 945GME supports 1080i HDTV-out, 18/24-bit dual-channel LVDS
3. DDR2 667/533/400 MHz SO-DIMM socket supports up to 2 GB
4. Dual PCIe Broadcom BCM5787M GbE chipset
5. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

- ◆ CPU
Socket M Intel® Core™2 Duo, Core™ Duo/Solo processor with a 667MHz FSB
Celeron® M processor with a 533MHz FSB (Yonah Core)
- ◆ System Chipset
Intel® 945GME + ICH7M
- ◆ BIOS
AMI BIOS
- ◆ System Memory
One 200-pin 667/533/400MHz DDR2 SDRAM SO-DIMM supported (system max. 2GB)
- ◆ Ethernet
Dual PCIe Realtek RTL8111E GbE chipset
- ◆ I/O Interface
6 x USB 2.0
2 x SATA
1 x IDE
3 x RS-232
1 x RS-232/422/485
1 x PS/2 for KB/MS
1 x LPT
1 x CF Type II
- ◆ Infrared Interface
1 x Infrared interface by pin header
- ◆ Expansion
1 x PCI-104 (PCI bus)
- ◆ Super I/O
ITE IT8712F
- ◆ Digital I/O
8-bit digital I/O, 4-bit input/4-bit output by super I/O
- ◆ Audio
5.1 channel audio kit with Realtek ALC655 AC'97 codec
7.1 channel HD Audio kit with Realtek ALC888 codec supports dual audio stream
- ◆ Display Interface
VGA integrated in Intel® 945GME
Support HDTV resolution up to 1080i by component interface
18/24-bit dual-channel LVDS
- ◆ Watchdog Timer
Software programmable 1-255 sec. by super I/O
- ◆ Power Supply
12V only AT/ATX support
- ◆ Power Consumption
12V@2.99A (Intel® Core™2 Duo T2500 2.0GHz, 2GB 800 MHz DDR2)
- ◆ Temperature
Operating: 0°C ~ 60°C (32°F~140°F)
- ◆ Humidity
Operating: 5% ~ 95%, non-condensing
- ◆ Dimensions
165 mm x 115 mm

Packing List

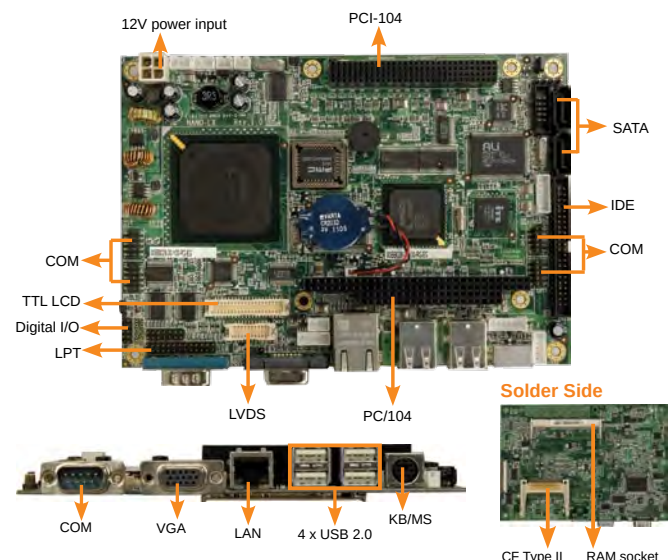
1 x NANO-9452 single board computer	
2 x RS-232 cable (P/N: 32205-002700-100-RS)	
1 x SATA power cable (P/N: 32102-000100-200-RS)	
1 x KB/MS cable (P/N: 32006-000300-100-RS)	1 x One Key Recovery CD
1 x IDE cable (P/N: 32200-000009-RS)	1 x Mini jumper pack
1 x Power cable (P/N: 32100-087100-RS)	1 x Utility CD
2 x SATA cable (P/N: 32801-000703-200-RS)	1 x QIG

Ordering Information

Part No.	Description
NANO-9452-R40	EPIC SBC, Intel® Core™2 Duo, Core Duo/Solo FSB 667MHz with VGA/LVDS/HDTV-out, dual PCIe GbE, SATA and audio
32001-002700-200-RS	USB cable
19800-004300-100-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
CF-479B-RS	CPU cooler (50 mm x 50 mm x 26 mm, 50W)
32200-015100-RS	LPT cable
32100-043403-RS	ATX power cable
32010-000700-100-RS	HDTV out cable

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
- ◆ Expansion
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-bit input/4-bit output by super I/O
- ◆ Super I/O
Winbond 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 400MHz 256MB DDR RAM)
- ◆ Operating Temperature : 0°C ~ 60°C (32°F~140°F)
- ◆ Operating Humidity: 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: 32102-000100-200-RS)	
2 x RS-232 port cable (P/N: 32205-002700-100-RS)	
1 x KB/MS Y cable (P/N: 32006-000300-100-RS)	1 x One Key Recovery CD
1 x Audio cable (P/N: 32000-072100-RS)	1 x Mini jumper pack
1 x Power cable (P/N: 32100-087100-RS)	1 x Utility CD
2 x SATA cable (P/N: 32801-000703-200-RS)	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
32205-000300-100-RS	RS-232 and RS-422/485 cable

1

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Solutions

2

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Embedded
Computing
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4

Automation
Control

5

ORing
Network
Communication

6

Power Supply/
Peripherals

7

Panel
Solutions
Introduction