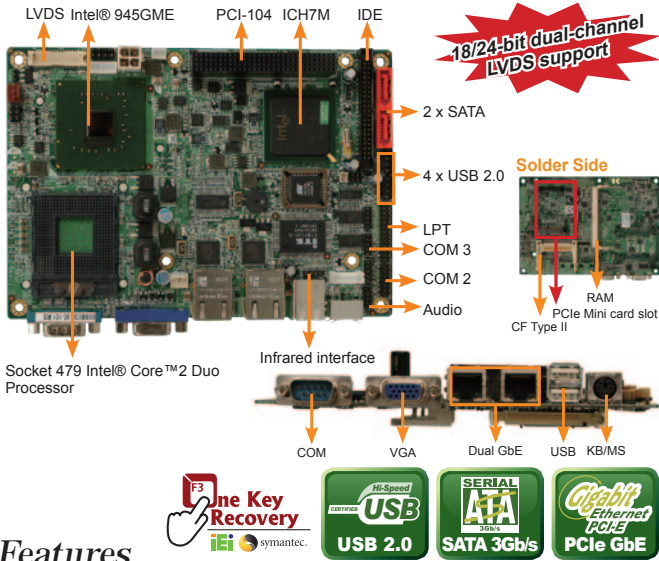


# epic NANO-9452-R40

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

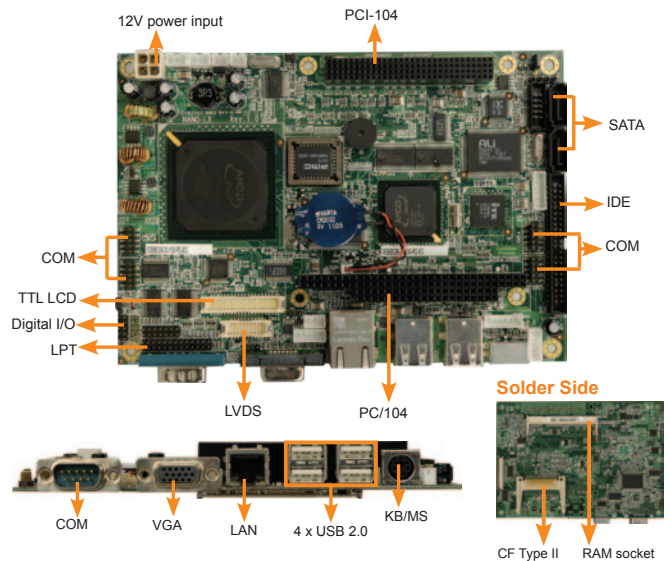
1 x NANO-9452 single board computer	
2 x RS-232 cable (P/N: 32200-000049-RS)	
1 x SATA power cable (P/N: 32102-000100-100-RS)	
1 x KB/MS cable (P/N: 32006-000300-100-RS)	1 x One Key Recovery CD
1 x IDE cable (P/N: 32200-000009-RS)	1 x Mini jumper pack
1 x Power cable (P/N: 32100-087100-RS)	1 x Utility CD
2 x SATA cable (P/N: 32000-062800-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
32000-044300-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
32102-022200-100-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: 32102-000100-100-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 One Key Recovery CD
1 x Audio cable (P/N: 32007-002600-100-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: 32000-062800-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
32102-022100-100-RS	ATX power cable
32205-000300-100-RS	RS-232 and RS-422/485 cable