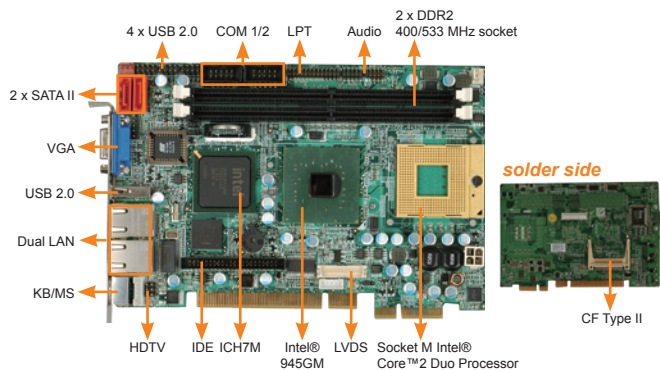


PIC0e-9452-R21

Half-size PCIe CPU card supports Intel® Core™2 Duo processors and comes with VGA, LVDS, HDTV-out, USB 2.0, SATA and audio



Features

1. PIC0e CPU card supports PCI and PCIe add on cards
2. Intel® Core™2 Duo CPU support FSB 667 MHz
3. Supports DDR2 400/533/667 MHz up to 4GB
4. Supports VGA and 18/24-bit dual-channel LVDS
5. Two RS-232, five USB 2.0 and two SATA
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

- ◆ CPU
Socket M Intel® Core™2 Duo, Core™ Duo, Core™ Solo, Celeron® M Mobile processor with a 533 MHz or 667 MHz FSB
- ◆ System Chipset
Intel® 945GME + ICH7M
- ◆ BIOS
AMI BIOS
- ◆ System Memory
Two 240-pin 2 GB (max.) 667 MHz, 533 MHz or 400 MHz dual-channel DDR2 SDRAM DIMMs supported (system max. 4 GB)
- ◆ Ethernet
Intel® 82573 PCIe GbE controller
Intel® 82562 10/100 Mbps Ethernet controller
- ◆ I/O Interface
2 x RS-232 1 x LPT
2 x SATA 1 x IDE
1 x CF Type II
5 x USB 2.0
(Four on-board and one on the bracket)
1 x 6-pin header for keyboard and mouse
- ◆ Digital I/O
8-bit Digital IO (4-bit input/4-bit output)
- ◆ Infrared Interface
1 x Infrared by pin header
- ◆ Super I/O
ITE IT8712F
- ◆ Display Interface
VGA integrated in Intel® 945GME
18/24-bit dual-channel LVDS
TV-out supports NTSC/PAL/HDTV resolution (1080i max.) output
- ◆ Audio
7.1 channel HD audio kit with Realtek ALC888 supports dual audio streams
5.1 channel audio kit with Realtek ALC655 AC'97 codec
- ◆ Watchdog Timer
Software programmable supports 1~255 sec. system reset
- ◆ Power Supply
AT/ATX Power
- ◆ Power consumption
5V@3.49A, 3.3V@ 0.2A, 12V@1.75A (Intel® Core™2 Duo, T7400 2.16GHz, 512MB, 667MHz DDR2)
- ◆ Temperature
Operating: 0°C ~ 60°C (32° F ~ 140° F)
- ◆ Humidity
Operating: 5% ~ 95%, non-condensing
- ◆ Dimensions
185 mm x 122 mm
- ◆ Weight
GW: 1000 g/NW: 171 g

Packing List

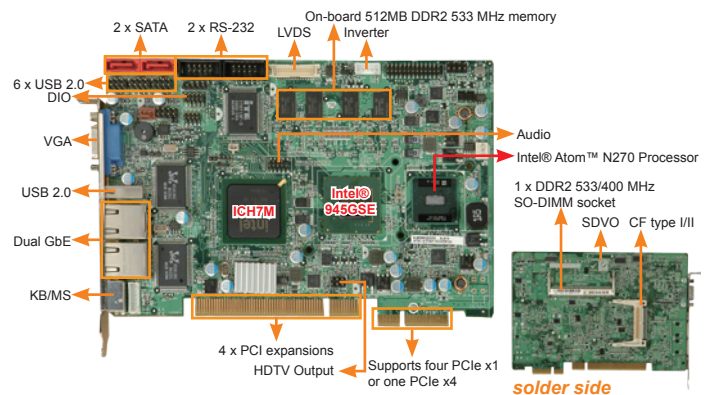
1 x PIC0e-9452 single board computer	
1 x IDE flat cable 44p/40p/40p (P/N: 32200-008800-RS)	
1 x SATA power cable (P/N: 32102-000100-200-RS)	
1 x KB/MS cable (P/N: 32006-000300-100-RS)	1 x One Key Recovery
1 x Dual RS-232 cable (P/N: 19800-000051-RS)	1 x Mini jumper pack
1 x USB cable (P/N: 19800-003100-200-RS)	1 x Utility CD
2 x SATA cable (P/N: 32801-000703-200-RS)	1 x QIG

Ordering Information

Part No.	Description
PIC0e-9452-R21	PCIe CPU card Intel® Core™2 Duo CPU with VGA/LVDS/LAN/GbE, USB 2.0, SATA and Audio
AC-KIT-888HD-R10	7.1 channel HD audio kit with Realtek ALC888 supports dual audio streams
AC-KIT08R-R10	5.1 channel AC'97 audio kit with Realtek ALC655
32200-015100-RS	LPT cable
HDTVCABLESET-01	HDTV cable set with S-Video/Composite/Component interface
CF-479B-RS	CPU cooler

PIC0e-945GSE

Half-size PCIe CPU card with Intel® Atom™ processor, 512MB memory on board, VGA/LVDS/HDTV-out, Dual GbE, USB 2.0 and SATA



Features

1. PCIe CPU card supports four PCIe x1 or one PCIe x4 and 4 x PCI expansions
2. Intel® Atom™ processor N270 at 1.6GHz core speed with a 533 MHz FSB and 512 KB L2 cache
3. 512 MB of 533 MHz DDR2 SDRAM on board
4. Supports VGA, HDTV-out (up to 1080i) and 18-bit dual-channel LVDS with dual-display support
5. I/O includes two RS-232, seven USB 2.0 and two SATA
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

- ◆ CPU
On-board Intel® Atom™ N270 processor 1.6 GHz
512 KB L2 cache with a 533MHz FSB
- ◆ System Chipset
Intel® 945GSE + ICH7M
- ◆ BIOS
AMI BIOS
- ◆ System Memory
On-board 512 MB DDR2 533 MHz memory and one 200-pin 533/400 MHz DDR2 SDRAM SO-DIMM supported (system max. 2GB)
- ◆ Ethernet
Dual PCI Realtek 8110SC GbE
- ◆ I/O Interface
2 x RS-232 2 x SATA
1 x LPT 1 x CF type I/II
1 x PS/2 connector for KB/MS
7 x USB 2.0 (1 on bracket, 6 on board by pin header)
- ◆ Digital I/O
8-bit digital I/O, 4-bit input/4-bit output
- ◆ Infrared Interface
1 x Infrared by pin header
- ◆ Super I/O
ITE IT8718F
- ◆ Display Interface
VGA integrated in Intel® 945GSE
HDTV/TV supports NTSC/PAL and HDTV resolution up to 1080i
18-bit dual-channel LVDS
- ◆ Audio
Supports 7.1 channel HD audio or 5.1 channel AC-97 audio by IEI audio kits
- ◆ Watchdog Timer
Software programmable supports 1 ~255 sec. System reset
- ◆ Power Supply
AT/ATX Power
- ◆ Power consumption
5V@2.89A, 12V@0.22A (Intel® Atom™ N270 1.6 GHz/533 MHz CPU with 1GB DDR2 533 MHz)
- ◆ Temperature
Operation: 0°C ~ 60°C (32° F ~ 140° F)
- ◆ Humidity
Operation: 5% ~ 95%, non-condensing
- ◆ Dimensions
185 mm x 122 mm
- ◆ Weight
GW: 1000 g/NW: 250 g

Packing List

1 x PIC0e-945GSE single board computer	
1 x KB/MS Y cable (P/N: 32006-000300-100-RS)	1 x One Key Recovery
1 x Dual RS-232 cable (P/N: 19800-000051-RS)	1 x Mini jumper pack
1 x USB cable (P/N: 19800-003100-200-RS)	1 x Utility CD
2 x SATA cable (P/N: 32000-062800-RS)	1 x QIG

Ordering Information

Part No.	Description
PIC0e-945GSE-N270-512MB-R10	PCIe CPU card with Intel® Atom™ N270 1.6 GHz processor, 512 MB memory on board, VGA/LVDS/HDTV-out, Dual GbE, USB 2.0, SATA
AC-KIT-888HD-R10	7.1 channel HD audio kit with Realtek ALC888 supports dual audio streams
AC-KIT08R-R10	5.1 channel AC'97 audio kit with Realtek ALC655
HDTVCABLESET-01	HDTV cable set with S-Video, composite and component interfaces
32102-000100-200-RS	SATA power cable
32200-015100-RS	LPT cable