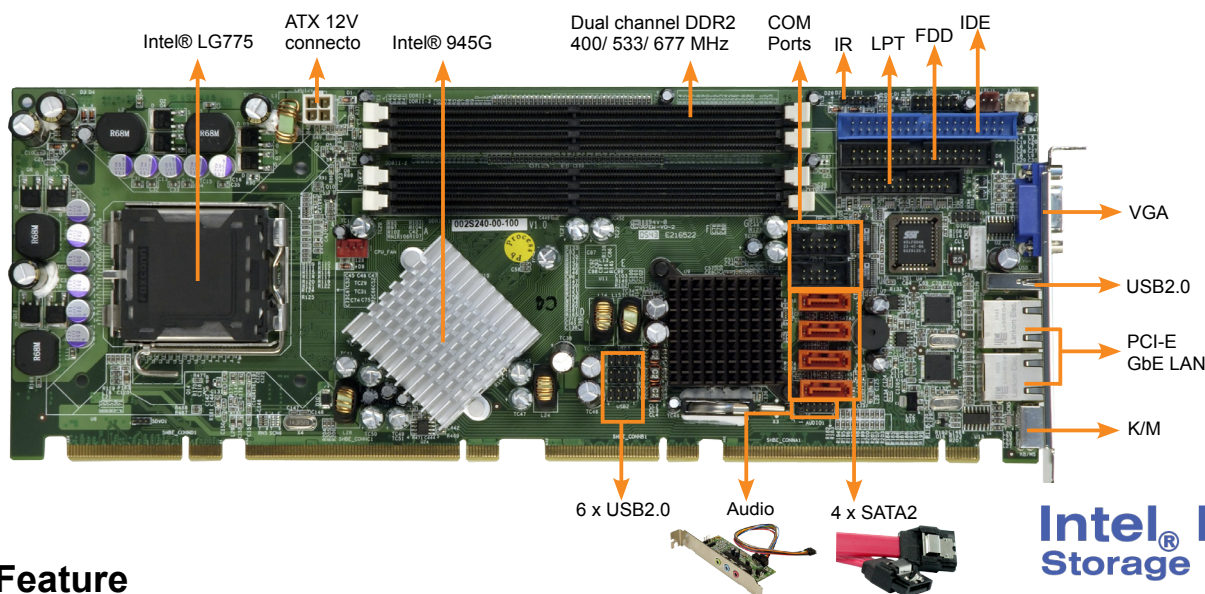


PCIE-9450

High performance dual core Pentium® D with SATAII Raid 0,1,5 and 10 function support !

PICMG 1.3 LGA775 Intel Pentium® 4/D CPU Card with VGA, Dual PCI-E GbE and SATAII



Intel® Matrix Storage Manager

Feature

1. PICMG 1.3 and RoHS compliance
2. Intel® LGA775/ Pentium® D processor CPU support up to FSB 1066MHz
3. Dual channel DDRII-400/533/667 MHz support up to 4G
4. High performance PCI Express Gigabit Ethernet controller
5. 4 x SATAII, 7 x USB 2.0(6 by pin header)

Specification

DDR2 667 FSB 1066



◆ CPU

Intel® LGA775 with FSB 533/800/1066
Intel® Pentium® D processor supported

◆ System Chipset

Intel® 945G+ ICH7R

◆ BIOS

AMI Flash BIOS
SMIBIOS (DMI) compliant
Console redirection function support
PXE (Pre-Boot Execution Environment) support
USB booting support

◆ System Memory

4 x DDRII 240-pin DIMM sockets of DDRII-400/533/667 MHz DDRII SDRAM

◆ Ethernet

Dual Marvell 88E8053 PCI-Express GbE controller

◆ I/O

I/O Interface

2 x RS-232
1 x LPT
1 x IrDA
7 x USB 2.0 (6 by pin header)
4 x SATAII-300, with Raid 0,1,5 and 10 supported
1 x ATA-100
1 x FDD

1 x PS2 Keyboard / Mouse

2 x 5 Pin header for four GPI and four GPO

◆ Display

Graphic controller

Intel® Graphics Media Accelerator 950 integrated with DB-15 VGA output

◆ Watchdog Timer

Software programmable supports 1~255 sec. system reset

◆ Power Supply

4 pin ATX 12V, 24 pin ATX Power on PICMG1.3 backplane

◆ Power Consumption

12V: 9A, 5V: 2.6A, 3.3V: 6.3A, 5Vsb: 0.93A, -12V: 0.1A
(Pentium D 3.73GHz/1066 MHz CPU with 4GB DDR2-667MHz)

◆ Temperature

operation: 0 ~ 60° C (32 ~ 140° F)

◆ Humidity

operation: 5% ~ 95% non-condensing

◆ Dimension

380(L)mm x 133(W)mm

◆ Weight

GW: 1.2Kg

Why PICMG 1.3 - PCIE-9450?

The PICMG 1.3 PCIE-9450 solves the bandwidth problem by replacing the system host board (SHB) to backplane parallel bus interfaces with high-speed serial links.

PCI Express interfaces replace the PICMG 1.0 parallel interfaces

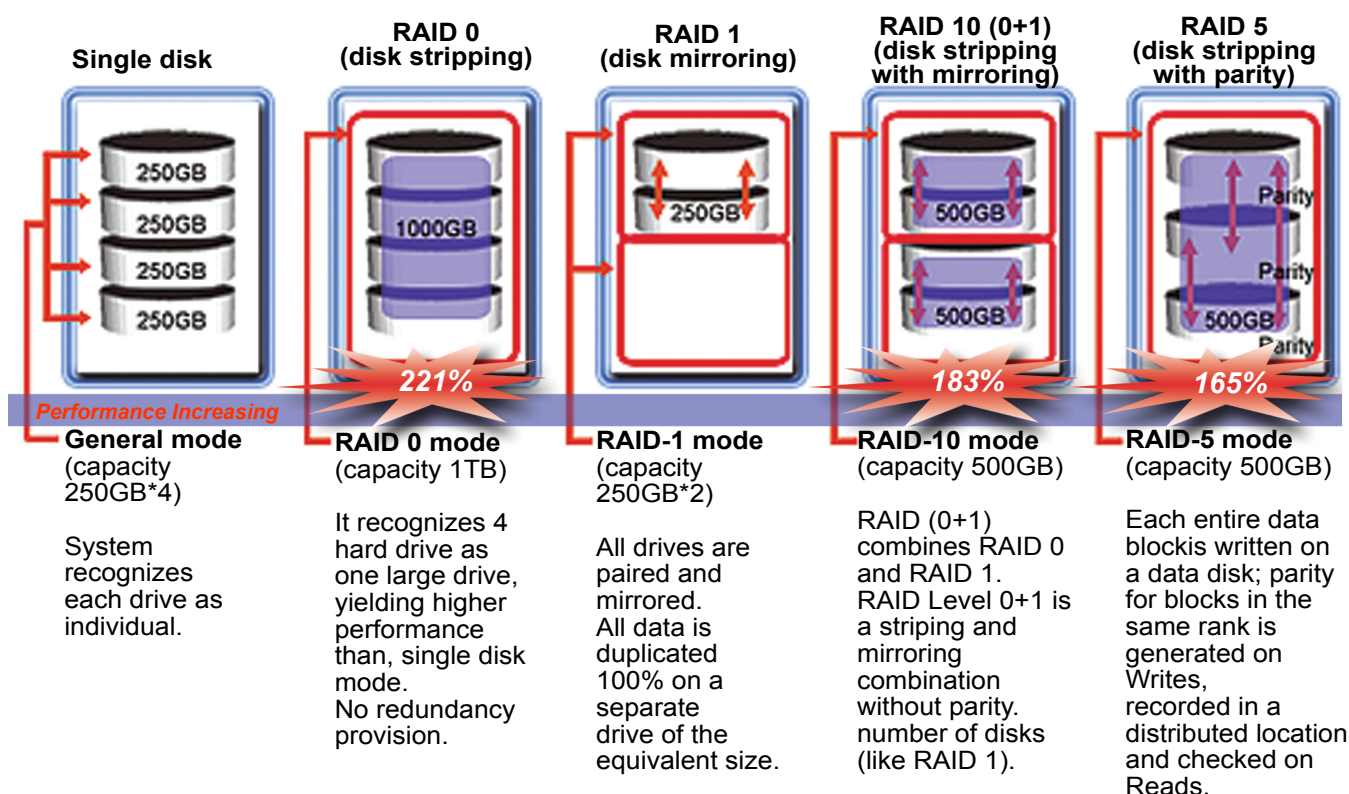
Full PCI card support is maintained with limited ISA card support possible

Enables a fast, simple and cost-effective transition to SHB .

Specification	PICMG 1.0	PICMG 1.2	PICMG 1.3
BUS support	ISA (24MB/s) PCI 66(533MB/s)	PCI-X 133 (1066MB/s) PCI-X 133 (1066MB/s)	PCI Express x16 (5000MB/s) PCI Express x8 (2500MB/s) PCI 32-bit bus (optional)

RAID protection

4*3.5 SATAII HDD, hot swappable, maximum capacity



Packing List

1 x PCIE-9450 single board computer	1 x RS-232 cable(2 COM Ports) : (P/N: 19800-000051-RS)
1 x Mini jumper pack (P/N: 33100-000033-RS)	1 x USB cable (P/N: CB-USB02-RS)
1 x ATA 66/100 flat cable (P/N: 32200-000052-RS)	1 x Utility CD
4 x SATA cable (P/N: 32000-062800-RS)	1 x QIG
2 x SATA power cable (P/N: 32100-088600-RS)	
1 x Keyboard/ PS2 mouse Y cable (P/N: 32000-000138-RS)	

Ordering Information

Part No.	Description
PCIE-9450-R10	PICMG 1.3 LGA 775 533/800/1066 MHz FSB CPU Card with VGA, PCI-Express GbE, S-ATAII and USB 2.0
AC-KIT08R-R10	Audio Kit
CF-520-RS	CPU Cooler
32200-000017-RS	FDD cable
19800-000049-RS	LPT cable



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