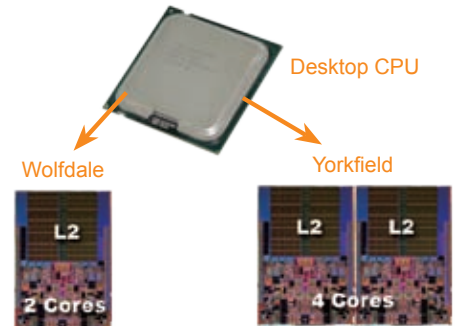
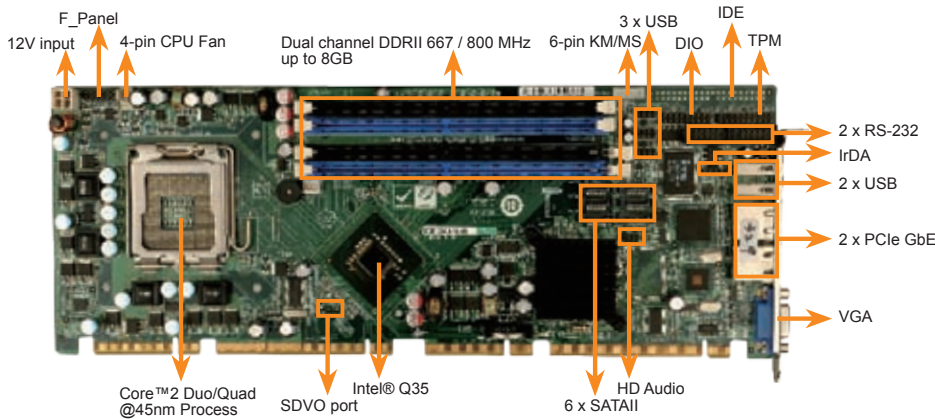


PCIE-Q350

PICMG1.3 CPU Card supports Intel 45nm LGA 775 Core 2 Duo/Quad CPU at FSB800/1066/1333MHz, Intel Q35 & ICH9DO platform, Dual Intel GbE, SATAII with RAID 0,1,10,5 Functions, USB, HD Audio



- | | |
|--|--|
| <p>Wolfdale</p> <p>L2
2 Cores</p> <ul style="list-style-type: none"> • Dual Core • Up to 6MB L2 • 65W TDP • FSB1333/1066/800MHz | <p>Yorkfield</p> <p>L2 L2
4 Cores</p> <ul style="list-style-type: none"> • Quad Core • Up to 12MB L2 • 95W/130W TDP • FSB1333/1066/800MHz |
|--|--|

Features

1. PICMG1.3 and RoHS compliant
2. Supports Intel® 45nm LGA775 Core 2 Duo/Quad processor (Wolfdale/Yorkfield) at FSB 1333/1066/800MHz
3. Intel® Q35 & ICH9-DO Platform
4. 6 SATA Ports with Intel Matrix Storage Technology supported
5. Dual Intel PCIe GbE
6. TPM1.2 IT Security Solution Supported



Intel Wolfdale 45nm Process

Specifications

- ◆ CPU
LGA775 45nm Intel® Core™2 Quad(Yorkfield), Core™2 Duo(Wolfdale) , Core™ 2 Duo, Celeron® at FSB800/1066/1333MHz processors
- ◆ System Chipset
Intel® Q35 + ICH9-DO
- ◆ BIOS
AMI BIOS Label with 8MB SPI EEPROM
- ◆ System Memory
4 x 240pin DIMM socket dual channel DDRII at 800/667MHz up to 8GB
- ◆ Ethernet
Dual GbEEthernet
LAN1: Intel 82566DM
LAN2: Intel 82573L
- ◆ IO Interface
2 x RS-232
12 x USB2.0
(2 on bracket, 6 on board by pin header, 4 on backplane by pin header)
6 x SATA II support RAID 0, 1, 10, 5
1 x IDE
1 x 6-pin header on board for KB&MS*
- ◆ Digital I/O
8-bit Digital I/O, 4-bit input / 4-bit output
- ◆ IrDA
1 x IrDA by pin header
- ◆ Audio
10-pin header on board supports 7.1 channel HD Audio by IEI AC-KIT-883HD
- ◆ Graphic
Analog VGA output
SDVO port
- ◆ TPM1.2
1 x 20-pin header on board for TPM (Trusted Platform Module)
- ◆ Watchdog Timer
Software Programmable supports 1~255sec. system reset
- ◆ Power Supply
ATX
- ◆ Power Consumption
3.3V-3.0A, 5V-5.1A, 5Vsb-0.28A, 12V-4.23A
(Intel® Core 2 Duo E6700 2.66GHz at FSB1066, 8GB DDR2 667MHz, 3DMark 2001)
- ◆ Temperature
operation: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ Humidity
operation: 5% ~95% non-condensing
- ◆ Dimensions
338mm x 126mm
- ◆ Weight
GW:1.1kg

Packing List

1 x PCIE-Q350 single board computer
1 x Mini jumper pack
6 x SATA cable (P/N: 32000062800-RS)
3 x SATA power cable (P/N: 32100-088600-RS)
1 x Dual RS-232 cable (P/N:19800-000051-RS)
1 x USB cable (P/N: CB-USB02-RS)
1 x Utility CD
1 x QIG

Ordering Information

Part No.	Description
PCIE-Q350-R10	PICMG1.3 CPU Card supports Intel 45nm LGA 775 Core 2 Duo/Quad CPU at FSB800/1066/1333MHz, Intel Q35 & ICH9DO platform, Dual Intel GbE, SATAII with RAID 0,1,10,5 Functions, USB, HD Audio
AC-KIT-883HD-R10	7.1 Channel HD Audio Kit with Realtek ALC883 supports dual audio streams
CF-520-RS	High Performance CPU Cooler (115mm x 115mm x 67mm, 115W)
TPM-IN01-R10	Infineon 20-pin Trusted Platform Module with S/W Management Tool
TPM-SI01-R10	Sinosun 20-pin Trusted Platform Module with S/W Management Tool
TPM-WI-1-R10	Winbond 20-pin Trusted Platform Module with S/W Management Tool
SDVO-100VGA-R10	PCIe x16 VGA Output SDVO Card supports dual display (IEI CPU board only)
SDVO-100DVI-R10	PCIe x16 DVI Output SDVO Card supports dual display (IEI CPU board only)