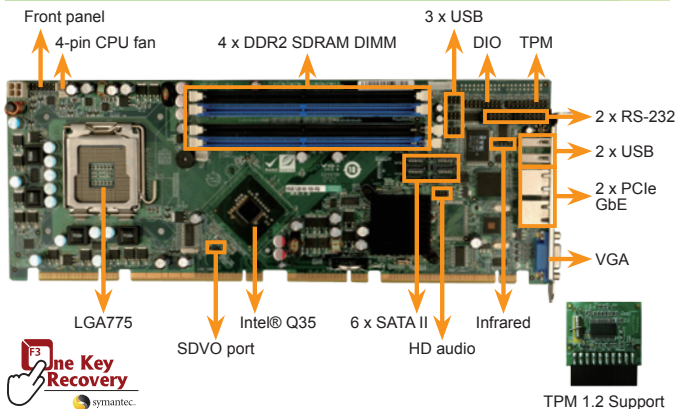


PCIE-Q350-R12

Full-size PICMG 1.3 CPU card supports 45 nm LGA 775 Intel® Core™2 Duo and Core™2 Quad processors with an 800 MHz, 1066 MHz or 1333 MHz FSB including Intel® Q35 GMCH, ICH9DO I/O controller hub, dual Intel® GbE, SATA II with RAID and USB 2.0



Features

1. PICMG 1.3 and RoHS compliant
2. Intel® Q35 & ICH9-DO platform
3. Supports 45nm LGA775 Intel® Core™2 Duo and Core™2 Quad processors
4. Six SATA II ports with Intel® Matrix Storage Technology supported
5. Dual Intel® PCIe GbE
6. TPM 1.2 IT security solution supported
7. One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

- ◆ CPU
LGA 775 Intel® Core™2 Quad, Core™2 Duo, Celeron® processors with an 800 MHz, 1066MHz and 1333MHz FSB
- ◆ System Chipset
Intel® Q35 + ICH9-DO
- ◆ BIOS
AMI BIOS
- ◆ System Memory
Four 240-pin 2GB (max.) 800 MHz, 667 MHz dual-channel DDR2 SDRAM DIMMs supported (system max. 8GB)
- ◆ Ethernet
Dual GbE
LAN1: Intel® 82566DM GbE controller with iAMT support
LAN2: Intel® 82573L GbE controller
- ◆ IO Interface
2 x RS-232
6 x SATA II (RAID 0, 1, 5 and 10)
1 x Keyboard and mouse connector
12 x USB 2.0 (2 on bracket, six on SBC, four on backplane by pin header)
- ◆ Super IO: ITE 8718F
- ◆ Digital I/O
16-bit Digital I/O, 8-bit input/8-bit output
- ◆ Infrared interface
1 x Infrared by pin header
- ◆ Audio
10-pin on-board header connects to the AC-KIT-888HD 7.1 channel HD audio kit
- ◆ Graphics
Analog VGA output
- ◆ TPM 1.2
1 x 20-pin on-board header 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, 12@4.23A (Intel® Core™2 Duo E6700 2.66 GHz at FSB 1066 MHz, 8 GB 667 MHz DDR2, 3DMark 2001)
- ◆ Temperature
Operation: 0°C ~ 60°C (32°F~140°F)
- ◆ Humidity
Operation: 5% ~ 95%, non-condensing
- ◆ Dimensions: 338 mm x 126 mm
- ◆ Weight: GW: 1.1 kg

Packing List

1 x PCIE-Q350 single board computer	
3 x SATA power cable (P/N: 32102-000100-200-RS)	1 x One Key Recovery CD
1 x Dual RS-232 cable (P/N: 19800-000051-RS)	1 x Mini jumper pack
6 x SATA cable (P/N: 32801-000703-200-RS)	1 x Utility CD
1 x USB cable (P/N: 19800-003100-200-RS)	1 x QIG

Ordering Information

Part No.	Description
PCIE-Q350-R12	PICMG 1.3 CPU card supports Intel® 45nm LGA 775 Core™2 Duo/Quad CPU at FSB 800/1066/1333 MHz, Intel® Q35 & ICH9DO platform, dual Intel® GbE, SATA II with RAID, USB
AC-KIT-888HD-R10	7.1 channel HD audio kit with Realtek ALC888 supports dual audio streams
CF-520-RS-R11	High performance CPU cooler (115 mm x 115 mm x 67 mm, 115W)
CF-775A-RS	High performance CPU cooler (92 mm x 92 mm x 73 mm, 130W)
TPM-IN01-R11	20-pin Infineon TPM module, software management tool, firmware V3.17
SDVO-100VGA-R10	PCIe x16 VGA output SDVO card supports dual display (CPU board only)
SDVO-100DVI-R10	PCIe x16 DVI output SDVO card supports dual display (CPU board only)
19800-000075-RS	KB/MS cable with bracket