



Combo Power over e-SATA / USB2.0 + IDE RAID PCI-E Card

Model No.: PEPS20J

Product Features :

USB 2.0 :

- Driver program no need ◦
- Data transfer rate can be 1.5/12/480Mbps ◦
- Compliant with OHCI Specification for USB Rev 1.0a ◦
- Support USB OHCI & UHCI modes ◦
- Chains up 127 devices ◦
- Support devices hot swap ◦
- Easy plug and play installation ◦

Serial_ATA :

- Fully compliant with one-lane 2.5Gb/s PCI Express specification .
- Serial ATA Generation 2 transfer rate of 3.0 Gb/s .
- Compliant with Serial ATA 1.0 specifications .
- Power over E-SATA support 5V and 12V power from Power e-SATA Connector, you

can connect your 3.5" External HDD enclosure / external Optical ROM Drive without Extra Power Adapter.



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- 5V and 12V power from your Desktop internal power supply. 2 internal Serial ATA II Ports + 1 internal PATA Ports

Supports two independent Serial ATA and one independent PATA channels

- Hot plug for extend Serial ATA port
- Supports RAID 0 、 1 、 0+1 、 JBOD function
- Supports Serial ATA II Port-Multiplier specifications

- Independent Link, transport, and data FIFO
- Independent command fetch, scatter/gather, and command execution Hard coded state machines - no code space or download
- Supports Legacy Command Queuing(LCQ)
- Supports Native Command Queuing(NCQ)
- Supports Non-zero offsets NCQ
- Supports Out of order data delivery NCQ
- Supports FIS-based switching with Port Multipliers
- Supports DMA6 transfer mode of PATA

- Supports Windows®2000 , Windows®XP , Windows®Vista , WIN7 ,Mac OS X & Linux system ◦