

PM1061R

Dual SATA III RAID to mini-PCIE 2.0 Adapter

Product > SATA interface > PM1061R



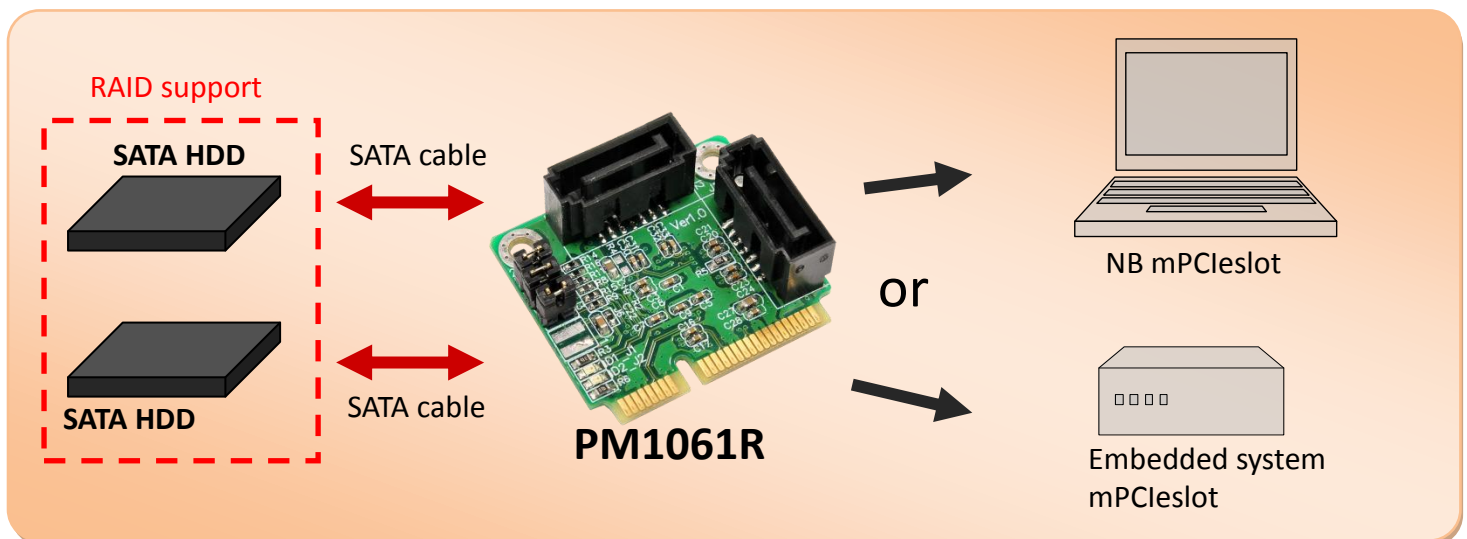
First Impression

The SATA with Hardware RAID engine to mPCIe adapter is a converter tool for PCI-E interface.

This module allows you connect any two of SATA III devices by RAID such as mirror or striping mode to the PCI Express Gen2 mini card slot through standard SATA cable.

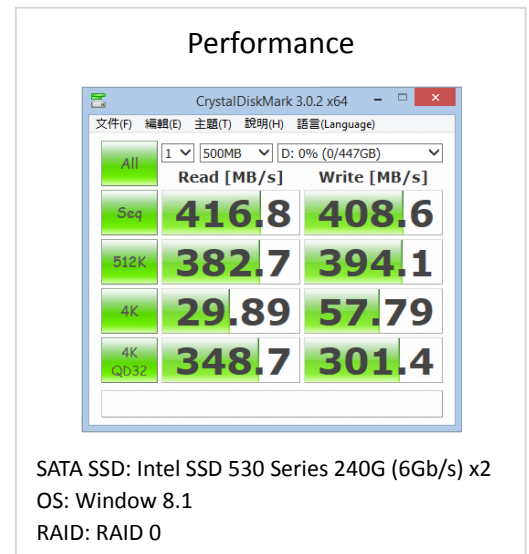
Half size mPCIe module can be used in full size mPCIe slot with bundled metal baffle.

Application Photo



Function

- ◆ Add two SATA3 ports by RAID to mPCIe slot
- ◆ ASM1061R single chip – High compatibility and High Performance with hardware RAID engine.
 - 1-lane PCI Express Gen2 (5Gbps)
 - 2-port Serial ATA III (6Gbps)
- ◆ Support Native Command Queuing (NCQ)
- ◆ Support Port Multiplier.
- ◆ Dimension: DxWxH : 30 x 26.8 x 11.4 mm
- ◆ Operating Temperature : 0 ~ 70°C
- ◆ RAID mode : AHCI/JBOD (Port Multiplier), RAID0 (Striping/Fast), RAID1(Mirror/Safe), Span (Big)



Strapping for RAID mode

J3	J5	RAID mode
0	0	AHCI
0	1	RAID1
1	0	RAID0
1	1	SPAN

OS Support:

Any OS supports AHCI standard inbox driver (eg. Windows, Linux OS)

Compliance

- Compliant with *Serial ATA AHCI (Advanced Host Controller Interface) Spec. Reversion 1.3 - PM1061R can work on any OS supporting AHCI driver*
- Compliant with *PCI Express Base Spec. Revision 2.0, Supports 1-Lane 5.0Gbps*
- Compliant with Gen 1i, Gen 1x, Gen 2i, Gen 2m, Gen 2x, and Gen 3i *Serial ATA III: Electrical Spec. Revision*
- *Supports 2-port 6.0Gbps SATA III interface*

Notice:

- *This adapter is engineering test tools. NOT for home or office use.
- *The Products just only support MiniCard slot, Can't support mSATA slot, Can't support Apple MacBook air SSD Card slot.
- * If MiniCard slot on the host does not support PCIe interface, the adapter can't work.

PM1061R Package Content



PM1061R
(SATA3 to half mini-PCIE adapter) x1



Metal Baffle x1
(Half to Full minicard bracket)



Screwx4