M061R

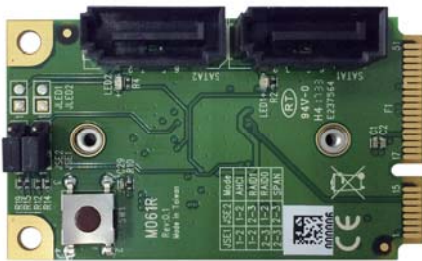## Mini PCIe to 2 SATA 3.0 ports with hardware RAID function.

Introduction:

The chipset is a SATA advantage HCI controller, bridges PCI Express Gen2 x 1 to two ports of Serial ATA 6Gbps, integrates ASMedia Hydratek hardware RAID engine, enables Serial ATA PHY up to 6Gbps high speed interface, supports SRIS (Separate Refclk Independent SSC) function, complies with Serial ATA Revision 3.2 Specification

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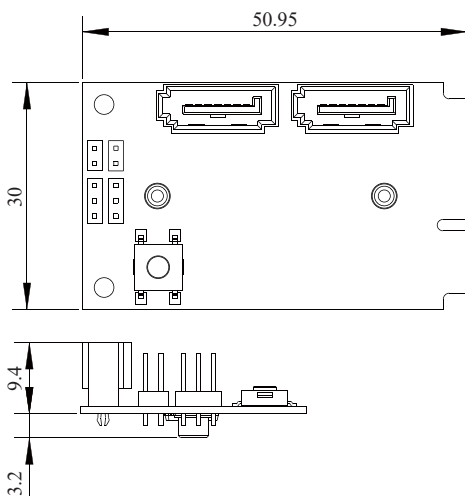

Mechanical Drawing:

SATA Features:

- Supports 2 ports Serial ATA PHY
- 1.5Gbps, 3.0Gbps and 6.0Gbps speed negotiation
- SATA PHY 1i / 1m / 2i / 2m / 3i
- Supports AHCI and IDE programming interface
- Supports Native Command Queue (NCQ)
  and Non-NCQ devices are not supported
- Supports Port Multiplier command based switching

RAID Features:

- Supports RAID0, RAID1, SPAN.
- RAID0 high performance for the data transmission
- Supports S.M.A.R.T feature
- Supports automatic rebuild
- Supports high performance off-line rebuild
- Supports background rebuild
- Supports UEFI & Legacy mode

Specification:

Type	Mini PCIe to 2 SATA with RAID
Input	Mini PCIe
Output port	2 x SATA ports
Operating Temperature	-40°C ~ +85°C
Dimensions	50.95 x 30 mm

Ordering Information:

7G5905-1524001-0 M061R-001

Cable Information:

6G6001-2203-0100 L=25cm SATA data cable

Lex SYSTEM