

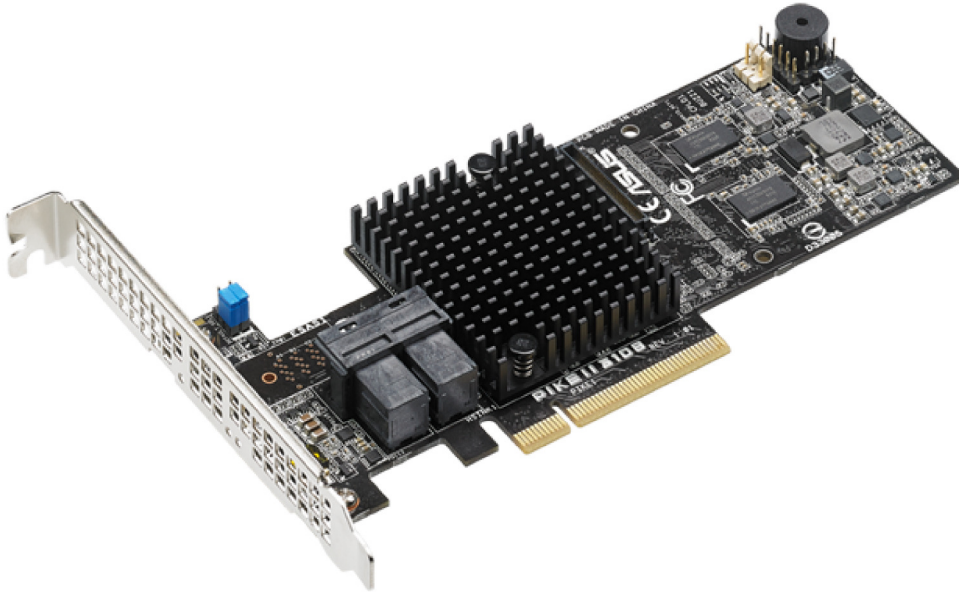
SAS 12Gb/s Storage Solution with 8 Internal Ports

ASUS PIKE II 3108-8i/16PD/2G (Max. Physical Disk Qty for RAID: 16) is the latest 12Gb/s SAS and PCI-E 3.0 high reliability enterprise storage solution. It meets user needs with support for 6Gb/s SATA and 12Gb/s SAS storage and integrated RAID 0, RAID 1, RAID 10, RAID 5, RAID 50, RAID 6 and RAID 60 data protection. Just placing the PIKE card can immediately enlarge the capacity and improve the performance, making it the great upgrade option.

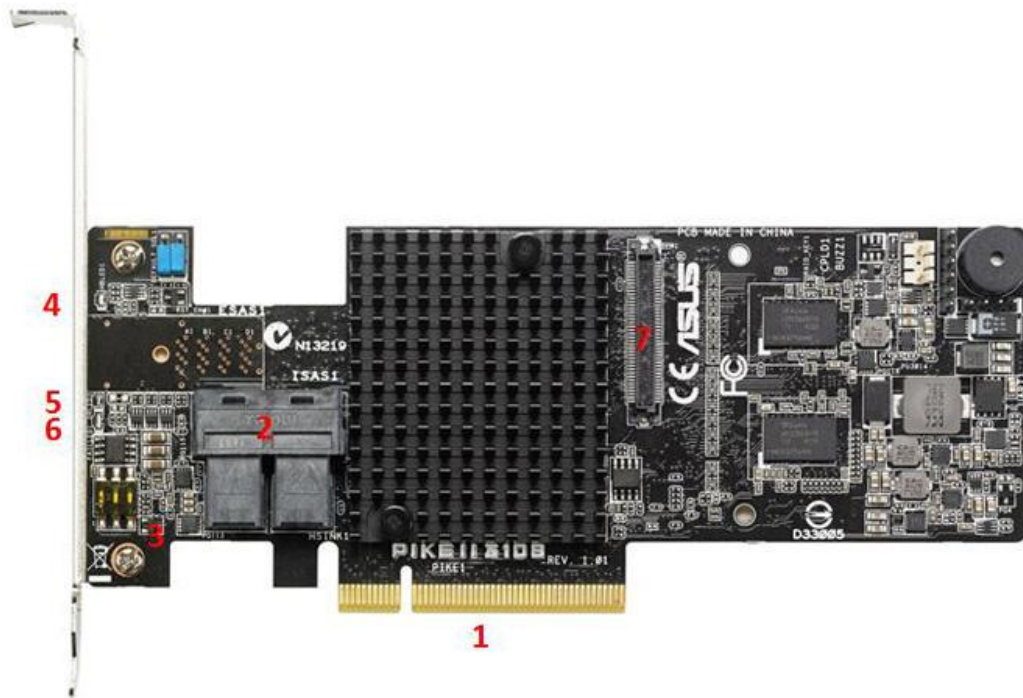
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Storage solution with eight ports of internal 12Gb/s SAS connectivity



1. PCI-E x8 interface
2. Internal mini-SAS HD connectors
3. Switch (for more than one card)
4. HBLED1(HEARTBEAT LED): The LED shows the firmware heartbeat information.(blinking)
5. DRLED1(Dirty cache LED): Write Pending(light)
6. FAILED1(Global Drive Fault LED): Drive Fault Detected(light)
7. CacheVault connector

Package Content

- ASUS PIKE II 3108-8i/16PD/2G SAS RAID card

- Support DVD

System Requirement

- ASUS Server motherboard
- PCI-E Gen3 slot
- SAS or SATA hard disk drives
- Mini-SAS HD cable
- Supporting Windows® and Linux Operating systems
- Appropriate thermal solution
- Certified power supply module
- Ensure to update BIOS to the latest version before using PIKE II 3108 series on ASUS Z9 or P9 series platform

Controller

Broadcom (LSI) SAS3108

Host Interface

PCIe 3.0 x8

Ports

8 internal ports by 2 Mini-SAS HD connectors

RAID Level Supported

0, 1, 10, 5, 6, 50, 60

Devices Supported

SATA Devices

SAS Devices

Data Transfer Rate

Max. SAS 12Gb/s

Max. SATA 6Gb/s

Embedded Memory

2GB DDR3

JBOD Mode

Yes/

Cache Protection

Optional LSI CacheVault 2G

ASUS Ordering Part Number: 90SKC000-M13AN0

Form Factor

Low-profile Card

Dimensions

6.6 x 2.71 Inch

Package Content

1 x Full-height Bracket (Default)

1 x Low-profile Bracket

1 x Driver Disc

Note

* Max. physical Disk qty for RAID: 16

* The card only works with ASUS Server/Workstation motherboards and systems.

* Support Physical Key for MegaRAID CacheCade Pro 2.0 Software

Broadcom Physical Key Ordering Part Number: LSI00290

<https://www.broadcom.com/products/storage/raid-controllers/megaraid-cachecade-pro-software#specifications>
