

# BOSS controllers

| BOSS Card       | Drive Size                                                  | RAID levels         | Stripe size                            | Virtual disk cache function | Maximum number of virtual disks | Maximum number of drives supported | Drive types          | PCIe support | Disk cache policy | Support for Non-RAID disks      | Cryptographic digital signature to verify firmware payload | Hot Plug |
|-----------------|-------------------------------------------------------------|---------------------|----------------------------------------|-----------------------------|---------------------------------|------------------------------------|----------------------|--------------|-------------------|---------------------------------|------------------------------------------------------------|----------|
| BOSS S1 Adapter | M.2 devices are read-intensive with 240GB or 480GB capacity | RAID 1 and Non-RAID | Supports default 64K stripe size only" | Write through               | 1                               | 2                                  | 6 Gbps M.2 SATA SSDs | Gen 2        | Drive default     | Yes (supports up to two disks)" |                                                            |          |
| BOSS S1 Modular | M.2 devices are read-intensive with 240GB or 480GB capacity | RAID 1 and Non-RAID | Supports default 64K stripe size only" | Write through               | 1                               | 2                                  | 6 Gbps M.2 SATA SSDs | Gen 2        | Drive default     | Yes (supports up to two disks)" |                                                            |          |
| BOSS S2         | M.2 devices are read-intensive with 240GB or 480GB capacity | RAID 1 and Non-RAID | Supports default 64K stripe size only" | Write through               | 1                               | 2                                  | 6 Gbps M.2 SATA SSDs | Gen 2        | Drive default     | Yes (supports up to two disks)" | Yes                                                        | Yes      |

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