



SilverStone MS12 20Gbps SuperSpeed+ USB 3.2 Type-C to NVMe M.2 SSD enclosure

\$69.99

Product Images







Description



Latest USB 3.2 Gen2x2 Type-C interface up to 20Gbps SuperSpeed+ transfer rate

| All | 3 | 1 GiB | D: 0% (1/477 GiB) | MB/s |
|---------------|---|-------------|-------------------|--------------|
| | | Read [MB/s] | | Write [MB/s] |
| S121M GB11 | | 2073.73 | | 2037.00 |
| S121M Q111 | | 1768.91 | | 1752.19 |
| RND4K Q121116 | | 303.80 | | 304.35 |
| RND4K Q111 | | 43.83 | | 88.07 |

X570 + R7-3800X + ASM3242 + ASM2364 + 960Pro

Test environment

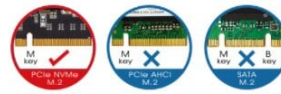
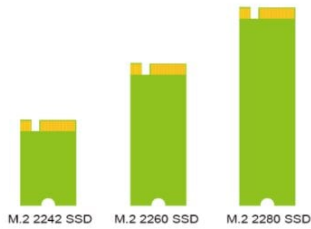
- ASROCK X570 Pro4 motherboard
- ADATA 8G DDR4 x2
- AMD Ryzen 7 3800X
- SST-ECU06 USB 3.2 Gen2x2 PCIe card
- SST-MS12 USB 3.2 Gen2x2 NVMe enclosure
- Samsung 960 Pro 512GB NVMe SSD



20Gbps SuperSpeed+ transfer rate

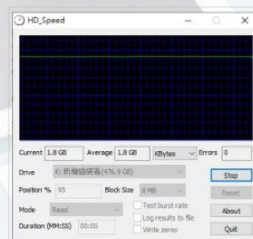
MS12 is an USB 3.2 Gen2x2 Type-C enclosure made for NVMe M.2 solid state drives that is capable of reaching up to 20Gbps of transfer rate

Support various lengths of M.2 SSD (22x42mm, 22x60, 22x80mm)



Aluminum alloy case and built-in thermal pad

MS12 is designed to effectively cool high performance M.2 NVMe SSD, even during prolonged burning sessions of 4+ hours, the MS12 can keep installed SSD running at maximum speed and stability



Features

- Latest USB 3.2 Gen2x2 Type-C interface up to 20Gbps SuperSpeed+ transfer rate
- Support various lengths of M.2 SSD (22x42mm, 22x60mm, 22x80mm)
- Support BOT and UAS Protocol
- Support TRIM command set
- Support NVMe: SCSI Translation Reference Rev. 1.5
- Support NVMe Error Reporting & Recovery
- S.M.A.R.T drive monitoring
- Compliant with PCI Express Base Specification Rev. 3.1a
- Compliant with NVM Express Base Specification Rev. 1.3c
- Aluminum alloy case and built-in thermal pad

Specifications

SPECIFICATIONS

| | |
|-------------------------|--|
| Model No. | SST-MS12 |
| Color | Black |
| Material | Aluminum |
| Connector | ASMedia ASM2364 |
| Application | USB 3.2 Gen2x2 Type-C NVMe M.2 SSD |
| Transfer interface | 20Gbps USB 3.2 Gen2x2 Type-C |
| LED indicator | Powered: Solid Blue Data access: Blinking Blue |
| Drive interface support | PCIe Gen3 x4, NVMe 1.3 |
| USB Cable length | 300±15mm |
| Net weight | 53g |
| Dimension | 106.15mm (W) x 15.3mm (H) x 33.3mm (D) 4.18" (W) x 0.6" (H) x 1.31" (D) |

thermal
conductivity

T

2W/m.k

Operating Temp.

-40 °C ~ 220 °C

dimension

Gray: 60 mm (W) x 0.5 mm (H) x 20mm (D) - pre-installed
Gray White: 60 mm (W) x 1.5 mm (H) x 20mm (D) - pre-installed
Blue 1: 60 mm (W) x 1 mm (H) x 20mm (D)
Blue 2: 60 mm (W) x 2 mm (H) x 20mm (D)

Additional Information

| | |
|---------------------|------------------------|
| Brand | SilverStone Technology |
| SKU | SST-MS12 |
| Weight | 0.3000 |
| Color | Black |
| Storage Type | M.2 SSD |
| Storage Form Factor | M.2 2280 |
| Material | Aluminum |

