



SONNETTECH

| COMPANY | NVMe M.2 SERIES (2280 Only) | PCIe Gen | Level | 500GB | 1TB | 2 TB | 4 TB | 8 TB | Read (MB/s) | Write (MB/s) |
|-------------------------------|---|----------|----------------------|------------------|------------------|------------------|----------------|------------------|-------------------|-------------------|
| ADATA (XPG) | IM2P33E8 | 3 | TLC | √ ¹ | √ ¹ | √ ¹ | | | 3500 | 3200 |
| | SX6000 Lite | 3 | | √ | √ | | | | 1800 | 1200 |
| | SX6000 Pro | 3 | | √ | √ | √ | | | 2100 | 1500 |
| | SX8100 | 3 | | √ ¹ | √ ¹ | √ ¹ | √ ¹ | | 3500 | 3000 |
| | SX8200 Pro | 3 | | √ ¹ | √ ¹ | √ ¹ | | | 3500 | 3000 |
| | SX8800 | 3 | | √ | √ | | | | 3500 | 2700 |
| | XPG SX8100 | 3 | | √ ¹ | √ ¹ | √ ¹ | √ ¹ | | 3500 | 3000 |
| Addlink | S68 | 3 | TLC | √ ¹ | √ ¹ | | | | 2500 | 2100 |
| | S70 | 3 | TLC | √ ¹ | √ ¹ | √ ¹ | | | 3500 | 3000 |
| | S72 | 3 | QLC | | √ ¹ | √ ¹ | √ ¹ | | 3400 | 3000 |
| | S90 | 4 | TLC | | √ ¹ | √ ¹ | | | 5000 ⁶ | 4400 ⁶ |
| | S92 | 4 | QLC | | √ ¹ | √ ¹ | √ ¹ | | 4900 ⁶ | 3600 ⁶ |
| Corsair | Force Series MP300 | 3 (x2) | TLC | √ | √ | | | | 1600 | 1080 |
| | Force Series MP510 | 3 | TLC/QLC ⁸ | √ ¹ | √ ¹ | √ ¹ | √ ¹ | √ ^{1.8} | 3480 | 3000 |
| | Force Series MP600⁴ | 4 | TLC | √ ¹ | √ ¹ | √ ¹ | | | 4950 | 4250 |
| Crucial | P1 | 3 | QLC | √ | √ ¹ | √ ¹ | | | 2000 | 1700 |
| Gigabyte | AORUS RGB NVMe | 3 | TLC | √ ^{1.4} | | | | | 3480 | 2000 |
| | AORUS NVMe Gen 4⁴ | 4 | TLC | | √ ^{1.4} | √ ^{1.4} | | | 5500 ⁶ | 4400 ⁶ |
| HP | EX 950 | 3 | | √ ¹ | √ ¹ | √ ¹ | | | | |
| Intel | 600p (discontinued) | 3 | | √ | √ | | | | 1800 | 560 |
| | 660p | 3 | QLC | √ | √ | √ | | | 1800 | 1800 |
| | 665p | 3 | QLC | | √ | √ | | | 2000 | 2000 |
| | 760p | 3 | TLC | √ | √ | √ ¹ | | | 3230 | 1625 |
| | DC P4511 (Enterprise)³ | 3 | TLC | | No ³ | No ³ | | | 2000 | 1430 |
| | Optane Memory H10 | 3 | 3D+QLC | √ | √ | | | | 2400 | 1800 |
| Kingston | A1000 (discontinued) | 3 (x2) | | √ ¹ | √ ¹ | | | | | |
| | A2000 | 3 | TLC | √ ¹ | √ ¹ | | | | 2200 | 2000 |
| | KC1000 (discontinued) | 3 | | √ ¹ | √ ¹ | | | | | |
| | KC2000 | 3 | TLC | √ ¹ | √ ¹ | √ ¹ | | | 3200 | 2200 |
| KIOXIA | EXCERIA | 3 | TLC | √ | √ | | | | 1700 | 1600 |
| | EXCERIA PLUS | 3 | TLC | √ | √ ¹ | √ ¹ | | | 3400 | 3200 |
| | XG3 ⁵ (discontinued) | 3 | | √ | √ ¹ | | | | | |
| | XG5 | 3 | TLC | √ | √ | | | | 3000 | 2100 |
| | XG5-P | 3 | TLC | | √ | √ | | | 3000 | 2200 |
| | XG6 | 3 | TLC | √ | √ | | | | 3180 | 2920 |
| | XG6-P | 3 | TLC | | | √ | | | 3180 | 2920 |
| | Toshiba RC500 | 3 (x2) | TLC | √ | | | | | 1700 | 1600 |
| | Toshiba RD400 (discontinued) | 3 | | √ | √ ¹ | | | | 2600 | 1600 |
| Toshiba RD500 | 3 | TLC | √ | √ ¹ | | | | 3400 | 3200 | |
| Micron | 2200 | 3 | TLC | √ | √ | | | | 3000 | 1600 |
| | 2210 | 3 | QLC | √ | √ | √ | | | 2200 | 1800 |
| | 2300 | 3 | TLC | √ | √ | √ | | | 3300 | 2700 |
| | 7300 MAX (Enterprise)⁵ | 3 | TLC | √ | √ | | | | 700 | 2400 |
| Mushkin | Alpha¹ | 3 | | | | | √ | √ | 3400 | 3000 |
| | Helix¹ | 3 | TLC | √ | √ | | | | 2110 | 1700 |
| | PILOT¹ | 3 | TLC | √ | √ | √ | | | 2110 | 1700 |
| | PILOT-E¹ | 3 | TLC | √ ¹ | √ ¹ | √ ¹ | | | 2705 | 2700 |
| OWC | Auro P12 | 3 | TLC | √ | √ ¹ | √ ¹ | √ ¹ | | 3400 | 3000 |
| Patriot | Scorch | 3 | | √ ¹ | | | | | 1700 | 950 |

| COMPANY | NVMe M.2 SERIES (2280 Only) | PCIe Gen | Level | 500GB | 1TB | 2 TB | 4 TB | 8 TB | Read (MB/s) | Write (MB/s) |
|--------------------------|--|-------------|-------|------------------|------------------|------------------|----------------|----------------|-------------------|-------------------|
| Pioneer | APS-SE10G | 3 (x2) | | √ | √ | √ | | | 1600 | 1000 |
| | APS-SE20G (discontinued) | 3 | | √ | √ | √ | | | 3400 | 3000 |
| PNY | CS3030 SSD | 3 | | √ | √ | √ ¹ | | | 3500 | 3000 |
| Sabrent | Rocket | 3 | TLC | √ | √ ¹ | √ ¹ | | | 3450 | 3000 |
| | Rocket Q | 3 | QLC | √ | √ | √ ¹ | √ ¹ | √ ¹ | 3450 | 3000 |
| | Rocket 4 | 4 | TLC | √ | √ ¹ | √ ¹ | | | 5000 ⁶ | 4400 ⁶ |
| | Rocket Q4 | 4 | QLC | | √ ¹ | √ ¹ | √ ¹ | | 4900 ⁶ | 3500 ⁶ |
| Samsung | 960 EVO | 3 | | √ | √ | | | | 3200 | 1900 |
| | 960 Pro² | 3 | | √ | √ | √ | | | 3500 | 2100 |
| | 970 EVO | 3 | | √ | √ | √ | | | 3500 | 2500 |
| | 970 EVO Plus² | 3 | | √ | √ | √ | | | 3500 | 3300 |
| | 970 Pro | 3 | | √ | √ | | | | 3500 | 2700 |
| | 980 Pro | 4 | | √ | √ | | | | 7000 ⁶ | 5000 ⁶ |
| Samsung OEM | PM981 (discontinued) | 3 | | √ | √ | √ | | | 3200 | 2400 |
| | PM981a | 3 | | √ | √ | √ | | | 3500 | 3000 |
| | PM991 | 3 | | √ | √ | √ | | | 3300 | 2400 |
| | PM991a | 3 | | √ | √ | √ | | | 3500 | 3000 |
| | PM9A1 | 4 | | | | √ | | | 7000 ⁶ | 5200 ⁶ |
| SanDisk (WD) | Extreme Pro | 3 | | √ | √ | √ | | | 3400 | 3000 |
| Seagate | IronWolf 510 SSD | 3 | | √ | √ ¹ | √ ¹ | | | 3150 | 1000 |
| | FireCuda 510 SSD | 3 | TLC | √ ¹ | √ ¹ | √ ¹ | | | 3450 | 3200 |
| | FireCuda 520 SSD | 4 | TLC | √ ¹ | √ ¹ | √ ¹ | | | 5000 ⁶ | 4000 ⁶ |
| Silicon Power | P32A80 | 3 (x2) | | √ ^{1,7} | | | | | 1600 | 1000 |
| | P34A60 | 3 | | √ ^{1,7} | √ ^{1,7} | √ ^{1,7} | | | 2200 | 1600 |
| | P34A80 | 3 | | √ ^{1,7} | √ ^{1,7} | √ ^{1,7} | | | 3400 | 3000 |
| SSSTC (Lite-On) | MU X1 | 3 | TLC | √ | √ | √ | | | 3400 | 3000 |
| | MU X2 | 3 | TLC | √ | √ | | | | 2600 | 1800 |
| Transcend | 220S | 3 | | √ ¹ | √ ¹ | √ ¹ | | | 3400 | 2100 |
| WD | Blue SN500 (discontinued) | 3 | | √ | | | | | 2400 | 1950 |
| | Blue SN550 | 3 | | √ | √ | | | | 2400 | 1950 |
| | Black | 3 | | √ | √ | | | | 3400 | 2800 |
| | Black SN750⁴ | 3 | | √ | √ | √ | | | 3400 | 2900 |
| | Black SN850⁴ | 4 | TLC | √ | √ | √ | | | 7000 ⁶ | 5300 ⁶ |
| | PC SN520⁵ | 3 (x2) | | √ | | | | | 1700 | 1400 |
| | PC SN720 | 3 | | √ | √ | | | | 3400 | 2800 |
| PC SN730 | 3 | | √ | √ | | | | 3400 | 3100 | |
| XPG | SX8100 | 3 | | √ ¹ | √ ¹ | √ ¹ | √ ¹ | | 3500 | 3000 |

1. These are double-sided SSDs. Double-sided SSDs are compatible with the M.2 4x4 Silent Edition with Serial Numbers A01298060001200 to A01298060001698 inclusive, and A01298070001890 and above. M.2 4x4 Silent Edition with other serial numbers, and all M.2 4x4 Blower Edition require a [thermal pad modification](#)

2. Versions shipping in 2020 are compatible with macOS. Older SSD modules may require a [firmware](#) update, which must be installed under Windows.

3. These modules are 120mm long, and the card accommodates only 80mm SSD M.2 devices.

4. Version without heat sink, or must remove heat sink.

5. 80mm version only.

6. This PCIe 4 SSD performance cannot be attained in Sonnet M.2 4x4 which is a PCIe 3 card. PCIe 3 R/W performance typically 3500MB/s.

7. Compatible with only Windows.

8. 8TB version is QLC

Sonnet has tested many, but not, all of the above SSDs. We rely on the manufacturers' data, and cannot guarantee compatibility or rated performance (listed performance is typically for largest capacity SSD).