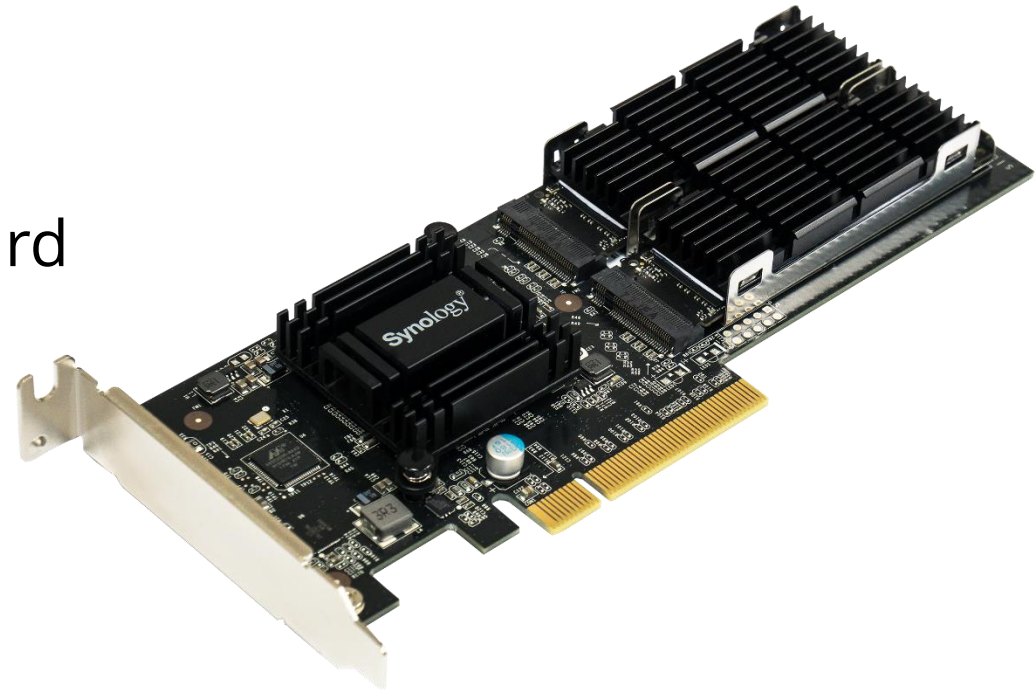


M2D18

M.2 NVMe/SATA SSD adapter card



M2D18

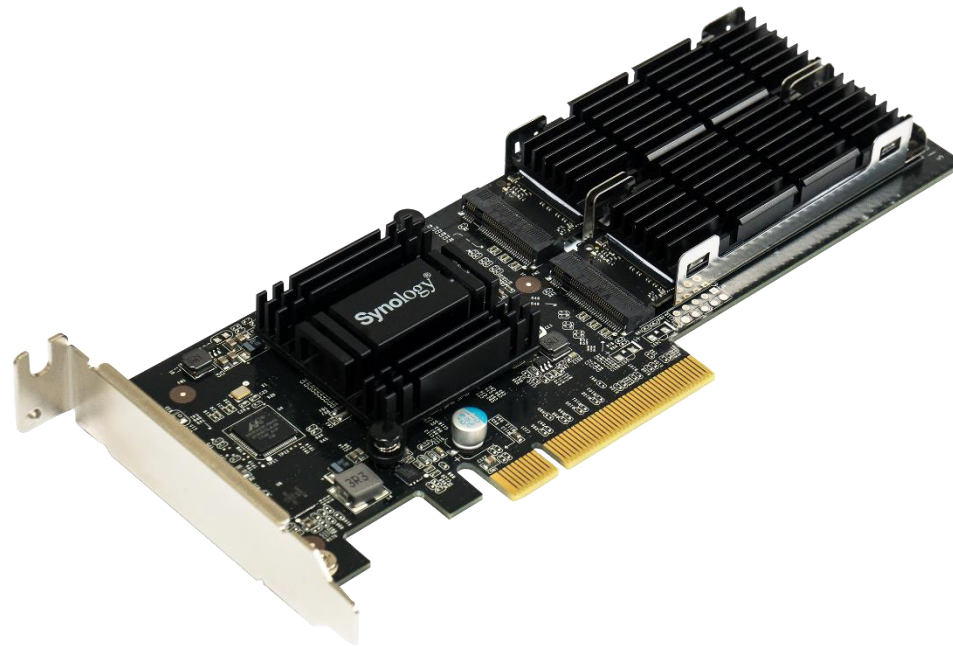
Elevate your storage performance to the next level

Dual-port

M.2 NVMe / SATA SSD slot
to supercharge IO capability

Flexibility

In support
2242/2260/2280
form factor



M2D18

Specification

	M2D18	M2D17
PCI-Express Switch	IDT 89HPES24T6G2	IDT 89HPES24T6G2
SATA Controller	Marvell 88SE9235	Marvell 88SE9235
Interface	PCI-Express 2.0 x8	PCI-Express 2.0 x8
Driver Interface	PCIe NVMe/SATA	SATA
Connector type and Quantity	M-Key, 2 slots	M-Key, 2 slots
Supported Form Factor	2280/2260/2242	2280/2260/2242
M.2 SSD support	M.2 NVMe /SATA	SATA
Limitation	The heatsink is only suited for M.2 2280 SSD	-

* Theoretical speed for PCIe 3.0 at x8: 8,000 MB/s, PCIe 2.0 at x8: 4,000 MB/s. Actual speed is around 70% of the theoretical speed.

M2D18 support models

Both SATA & NVMe	Broadwell-DE: FS1018, DS3018xs Denverton: RS2818RP+, RS2418(RP)+, DS2419+, DS1819+, DS1618+
SATA only	Avoton: RS1219+, RS818(RP)+, DS1817+, DS1517+
SATA after DSM 6.2 NVMe after DSM 7.0*	Broadwell-DE: FS2017, RS18017xs+, RS4017xs+, RS3617RPxs, RS3617xs+, RS3618xs, DS3617xs

* Schedule is subject to change

M2D18

Limitation or other information



- Compatible with PCIe 3.0 SSD but performance might drop
- Two SSDs must be both NVMe or SATA at the same time
- Not compatible with M.2 B-Key, but B+M-key NVMe/SATA SSD
- The heatsink is only suited for M.2 2280 SSD
- Generally, the M.2 PCIe SSDs are always referring to M.2 NVMe SSD