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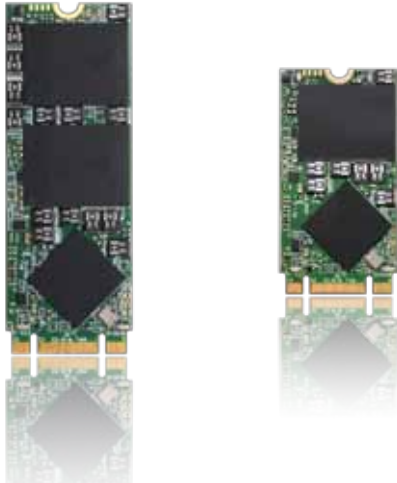
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ATP Embedded Modules M.2

Targeted Product Portfolio, Engineered Specifically for Enterprise & Telecom Applications



The ATP M.2 2242/2260 Embedded SSD is the Next Generation Form Factor (NGFF) storage solution. It provides outstanding performance and proven reliability for product operation, which is perfect for networking and thin clients, also suit for enterprise storage systems with high data security, and consistent data integrity requirement such as POS, industrial computers, data center applications.

Key Features

- Enhanced endurance with Advanced Wear Leveling algorithm
- Built-in hardware-based data protection technology during power failure - PowerProtector
- Supports S.M.A.R.T. ATA feature set
- RoHS compliant and CE/FCC certification
- AES encryption(optional)

Applications

- Networking
- Thin clients
- Enterprise storage systems



Specifications

Product Name	M.2			
	2260 D2-B-M		2242 D2-B-M	
Flash Type	SLC	MLC	SLC	MLC
Density	32GB to 128GB	64GB to 256GB	8GB to 64GB	8GB to 128GB
Performance	Sequential Read up to 530 MB/s	Sequential Read up to 530 MB/s	Sequential Read up to 530 MB/s	Sequential Read up to 530 MB/s
	Sequential Write up to 390 MB/s	Sequential Write up to 300 MB/s	Sequential Write up to 400 MB/s	Sequential Write up to 155 MB/s
	Random Read IOPS up to 9,000	Random Read IOPS up to 7,000	Random Read IOPS up to 9,000	Random Read IOPS up to 7,000
Interface	SATA III 6 Gb/s			
Operating Temperature	-40°C to +85°C	0°C to 70°C	-40°C to +85°C	0°C to 70°C
Reliability	Advanced Wear Leveling , AutoRefresh			
	TBW** (max.) : 2,560 TB	TBW** (max.) : 153.6 TB	TBW** (max.) : 1,280 TB	TBW** (max.) : 76.8 TB
	MTBF @ 25°C: >2,000,000 hours			
Dimensions: LxWxH (mm)	60.0 X 22.0 X 3.5		42.0 X 22.0 X 3.5	

** All TBW data listed are under highest random write value in each product line. The TBW data are subject to change by density, configuration and customers' applications.

Ordering Information

Density	2260 D2-B-M		2242 D2-B-M	
	SLC	MLC	SLC	MLC
8GB	-	-	AF8GSSIA-VAAXP	AF8GSMIA-VAAXP
16GB	-	-	AF16GSSIA-VAAXP	AF16GSMIA-VAAXP
32GB	AF32GSSIB-VAAXP	-	AF32GSSIA-VAAXP	AF32GSMIA-VAAXP
64GB	AF64GSSIB-VAAXP	AF64GSMIB-VAAXP	AF64GSSIA-VAAXP	AF64GSMIA-VAAXP
128GB	AF128GSSIB-VAAXP	AF128GSMIB-VAAXP	-	AF128GSMIA-VAAXP
256GB	-	AF256GSMIB-VAAXP	-	-

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