



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

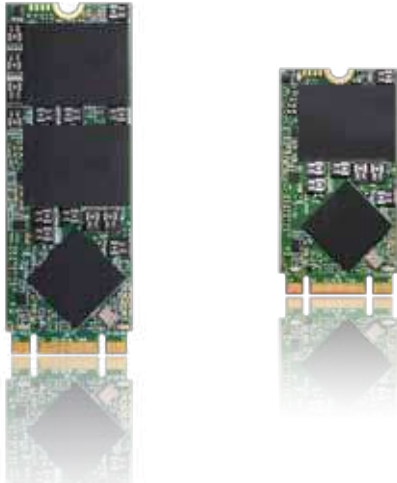
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





# 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	-	-

### ATP TAIWAN(HQ)

TEL: +886-2-2659-6368  
FAX: +886-2-2659-4982  
sales-apac@atpinc.com

### ATP USA

TEL: +1-408-732-5000  
FAX: +1-408-732-5055  
sales@atpinc.com

### ATP EUROPE

TEL: +49-89-374-9999-0  
FAX: +49-89-374-9999-29  
sales-europe@atpinc.com

### ATP JAPAN

TEL: +81-3-6206-8097  
FAX: +81-3-6206-8098  
sales-japan@atpinc.com

### ATP CHINA

TEL: +86-21-5080-2220  
FAX: +86-21-5080-2219  
sales@cn.atpinc.com

