

ATP eUSB

Industrial Grade

Targeted Product Portfolio, Engineered Specifically for Your Mission Critical Applications



The ATP eUSB module employs the widely supported USB interface, making it a suitable boot device and efficient data storage solution. Ideal for industrial and rugged environments, the eUSB module is cost-effective and offers data transfer efficiency in a wide range of applications such as networking, embedded and medical applications that previously used the Intel® Z-U130 Value SSD. Featuring PowerProtector technology with built-in hardware-based power backup circuit, ATP eUSB delivers reliable controller and lasting NAND flash operation even during sudden power-loss events.

Key Features

- Global wear leveling
- PowerProtector

Applications

- Networking
- Embedded
- Medical applications



Specifications

Product Name		eUSB		
Product Line		Premium	Superior	Superior
Naming		B800Pi	B600Sc	B600Sc
Flash Type		SLC	MLC	MLC
Density		1 GB to 32 GB	8 GB to 32 GB	16 GB to 64 GB
Performance	Sequential Read up to (MB/s)	30	25	44
	Sequential Write up to (MB/s)	25	19	17
Interface		Compatible with USB 2.0 (480 Mbps)		
Operating Temperature		-40°C to 85°C		0°C to 70°C
Endurance	TBW* (max.)	1,280 TB	38.4 TB	76.8 TB
	DWPD* (max.)	37.4	1.7	1.7
Reliability	MTBF @ 25°C	>5,000,000 hours		>2,000,000 hours
	Number of Insertions	10,000 minimum		
Dimensions: L x W x H (mm)		36.9 x 26.6 x 9.5		
Connector Pin Pitch**		2.54 mm**		2.54 mm / 2.00 mm

* Under highest Sequential write value. May vary by density, configuration and applications.

** By project support pitch 2.00mm.

Technologies & Add-On Services		S.M.A.R.T.	PowerProtector	Advanced Wear Leveling	Dynamic Data Refresh	Industrial Temperature	Anti-Sulfur Resistors	Conformal Coating
Product Line	Premium	●	●	●	●	●	Δ	Δ
	Superior	●	●	●	Δ		Δ	Δ

Δ: Customization option available on a project basis.

To learn more about this product, contact your ATP Representative.

ATP Global Footprint

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: +81-3-6260-0797
FAX: +81-3-6260-0798
sales-japan@atpinc.com

ATP CHINA

TEL: +86-21-5080-2220
FAX: +86-21-9687-0000-026
sales@cn.atpinc.com