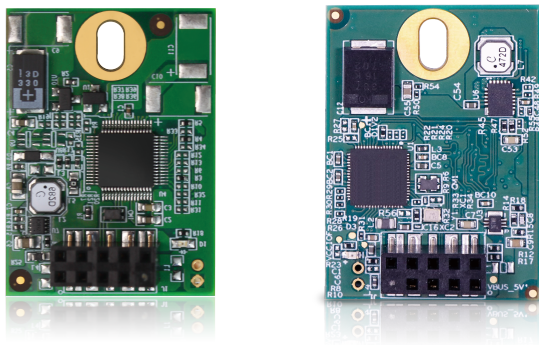




ATP eUSB Industrial Grade

Targeted Product Portfolio, Engineered Specifically for Your
Mission Critical Applications



Key Features

- Global wear leveling
- Power Loss Protection

Applications

- Networking
- Embedded
- Medical 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 Power Loss Protection 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.



Specifications

Product Name		eUSB		
Product Line		Premium	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 (Tcase)*		-40°C to 85°C	0°C to 70°C	
Endurance TBW** (max.)		1,280 TB	38.4 TB	76.8 TB
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

* Case Temperature, the composite temperature as indicated by SMART temperature attributes.

** 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.	 Hardware-based Power Loss Protection	 Advanced Wear Leveling	 Dynamic Data Refresh	 Industrial Temperature	 Anti-Sulfur Resistors	 Conformal Coating
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

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