



eUSB

Targeted Product Portfolio, Engineered Specifically for Your Mission Critical Applications



Key Features

- Global wear leveling
- Power Loss Protection

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.

With Power Loss Protection technology options featuring built-in hardware-based power backup circuit and/or firmware-based solution, ATP eUSB delivers reliable controller and lasting NAND flash operation even during sudden power-loss events.

Technologies & Add-On Services	S.M.A.R.T.	Hardware-based Power Loss Protection	Advanced Wear Leveling	Industrial Temperature	Anti-Sulfur Resistors	Conformal Coating
Premium	○	○	○	○	▲	▲
Superior	○	○	○	—	▲	▲

▲: Customization option available on a project basis.

Specifications

eUSB		
Product Line	Premium B800Pi	Superior B600Sc
Interface	Compatible with USB 2.0 (480 Mbps)	
Flash Type	SLC	MLC
Form Factor	Pitch 2,54 mm / 2,00 mm	
Operating Temperature	-40°C to 85°C	0°C to 70°C
Power Loss Protection Options	Hardware + Firmware Based	
Optional SED Features	-	
Capacity	1 GB to 32 GB	8 GB to 32 GB
Performance		
Sequential Read (MB/s) up to	30	25
Sequential Write (MB/s) up to	25	19
Endurance and Reliability		
Endurance (TBW) ¹ up to	1,280 TB	38,4 TB
Reliability MTBF @ 25°C	>5,000,000 hours	>2,000,000 hours
Reliability Number of Insertions	10,000 minimum	
Others		
Dimensions: L x W x H (mm)	36,9 x 26,6 x 9,5	
Certifications	CE, FCC	
Warranty	5 years	2 years

¹ Under highest Sequential write value. May vary by density, configuration and applications.

Product spec and its related information are subject to change without advance notice.
Please refer to www.atpinc.com for latest information

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