UNLIMITED INGENUITY

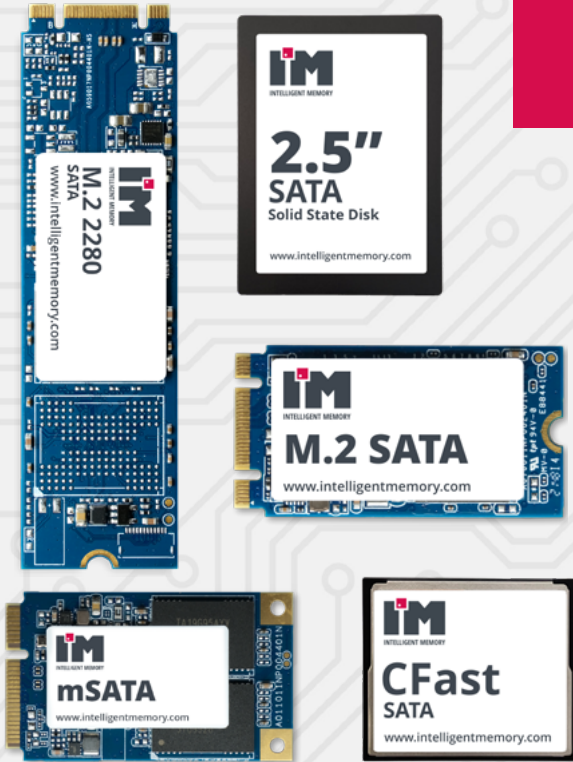**IM INTELLIGENT MEMORY**

SATA SSD

KEY FEATURES:

- Multiple form factors
  - M.2 (2242, 2280)
  - 2.5"
  - mSATA and mSATA mini
  - CFast
  - BGA
- Excellent sustained performance
- Power loss protection
- AES encryption/TCG Opal
- IM Performance Evaluator support
- End-to-end data path protection

Intelligent Memory's industrial SSDs offer the durability and reliability required for harsh industrial environments that are designed to withstand extreme temperatures, ensuring meticulous performance even in demanding conditions. They undergo rigorous testing to guarantee remarkable endurance and accuracy, making them ideal for a broad range of applications. Our SSDs are available in various form factors supporting high-speed interfaces like SATA 6Gb/s.

		Silver	Ruby	Emerald
Interface		SATA III	SATA III	SATA III
Capacity Range		60GB - 2TB	30GB - 480GB	30GB - 480GB
Temperature Range		Commercial: 0°C to +70°C		Industrial: -40°C to +85°C
Endurance (Total Drive Writes)	JEDEC Client	14.000	26.426	44.043
	JEDEC Enterprise	4.114	17.809	29.681
Performance	Seq. read (MB/s)	532 / 531	532 / 531	532 / 531
	Seq. write (MB/s)	520 / 507	498 / 496	498 / 496
Data Retention (Min / Max)			1Y / 10Y	