UNLIMITED INGENUITY

I'M
INTELLIGENT MEMORY

FIPS CERTIFIED
SELF-ENCRYPTING SSDs

FIPS
Validated
140-2

KEY FEATURES:
- MTBF: 1.8 million hours
- UBER: <1 sector / 10^16 bits read
- Thermal throttling
- Security: AES256
- TCG OPAL2.0
- Compliances: RoHS, CE, FCC, WEEE

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M.2 2280
SATA III
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2.5"
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Solid State Disk
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M.2 2280
PCIe NVMe
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Available in the following capacities: **256GB, 512GB, 1TB, 2TB**
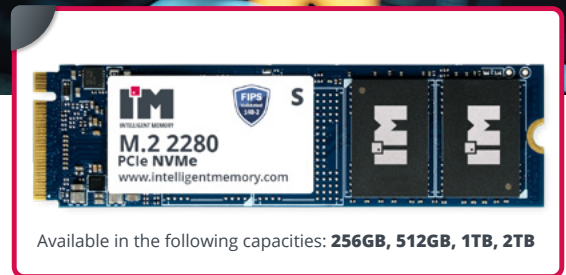
FIPS Secured SSDs

Designed with security at its core, **Intelligent Memory**'s FIPS (Federal Information Processing Standards) 140-2 certified SSDs provide unparalleled protection for your data. Built to meet the rigorous standards set by the US National Institute of Standards & Technology (NIST), our SSDs ensure that your valuable information remains safe from unauthorized access and tampering.

Whether these SSDs will be used in a government organization, a financial institution, at a healthcare provider, or for any business handling sensitive data, our FIPS-2 certified SSD is the ideal choice for safeguarding your information assets. The drives are available in SATA or PCIe interfaces and M.2 or 2.5" form factors in both Commercial (0°C to +70°C) or Industrial (-40°C to +85°C) temperature grades.

Why buy IM FIPS Drives?

1. **Longevity** – IM products are built to last the extended lifetimes of government projects, reducing the need for requalification.

2. **Availability** – When NAND Flash shortages occur, IM remains committed to maintaining supply for ALL of our customers.

3. **Focus on Security** – IM has an entire Business Unit focused on security products to ensure security gets the highest level of focus that it deserves.

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AVAILABLE SIZES

SATA III M.2 2280 Drives

Capacity (GB)	IM Part Number (C-Temp*)	IM Part Number (I-Temp*)
256	IMS325B3M1A2A1C3B3F2000	IMS325B3M1A2A1I3B3F2000
512	IMS325B5M1A2A1C3B5F2000	IMS325B5M1A2A1I3B5F2000
1024	IMS325B7M1A2A1C3B7F2000	IMS325B7M1A2A1I3B7F2000
2048	IMS325B9M1A2A1C3B9F2000	IMS325B9M1A2A1I3B9F2000

*C-Temp = 0°C – 70°C
*I-Temp = -40°C – 85°C

SATA III 2.5" Drives

Capacity (GB)	IM Part Number (C-Temp*)	IM Part Number (I-Temp*)
256	IMS3M8B3M1A2A1C3B3F2000	IMS3M8B3M1A2A1I3B3F2000
512	IMS3M8B5M1A2A1C3B5F2000	IMS3M8B5M1A2A1I3B5F2000
1024	IMS3M8B7M1A2A1C3B7F2000	IMS3M8B7M1A2A1I3B7F2000
2048	IMS3M8B9M1A2A1C3B9F2000	IMS3M8B9M1A2A1I3B9F2000

*C-Temp = 0°C – 70°C
*I-Temp = -40°C – 85°C

PCIe Gen3 NVMe M.2 2280 Drives

Capacity (GB)	IM Part Number (C-Temp*)	IM Part Number (I-Temp*)
256	IMP3M8B3E1A2A1C3B3F2000	IMP3M8B3E1A2A1I3B3F2000
512	IMP3M8B5E1A2A1C3B5F2000	IMP3M8B5E1A2A1I3B5F2000
1024	IMP3M8B7E1A2A1C3B7F2000	IMP3M8B7E1A2A1I3B7F2000
2048	IMP3M8B9E1A2A1C3B9F2000	IMP3M8B9E1A2A1I3B9F2000

*C-Temp = 0°C – 70°C
*I-Temp = -40°C – 85°C