Bull Creek Tech

1TB M.2 2230 PCIe Gen4 x4 SSD OPAL SED / TAA Compliant

SKU: BCT1TB2230SED

UPC: 810189120297



- 1TB capacity in a M.2 2230 (22 x 30 mm) form factor - drop-in upgrade for handheld gaming PCs, slim 2-in-1s, and ultrabooks
- PCIe Gen 4 x4 NVMe interface delivers up to 5,000 MB/s read / 4,500 MB/s write for fast boot, application loads, and large file transfers
- Self-encrypting drive (TCG Opal 2.0 / IEEE-1667) - hardware-level AES-256 encryption with no performance penalty, ideal for HIPAA, CJIS, and FedRAMP environments
- TAA-compliant, manufactured in Mexico - qualifies for federal, state, and education procurement
- Validated against major OEM systems for OEM-grade compatibility
- 3-year limited warranty with US-based support and rapid RMA
- Single-sided PCB design fits thin chassis where double-sided drives won't clear (handheld gaming PCs, slim notebooks, blade workstations)

Built for Business

1TB TAA-compliant M.2 2230 solid state drive (22 x 30 mm) for compact handheld and ultraportable systems. Self-Encrypting (TCG Opal 2.0) PCIe Gen 4 x4 NVMe interface delivers up to 5,000 MB/s read / 4,500 MB/s write. 3-year warranty. Tested for compatibility with major OEM platforms.

Technical Specifications

Product Type	Solid State Drive
Storage Capacity	1 TB
Drive Type	Internal
Drive Interface	PCI Express NVMe
Drive Interface Standard	PCI Express NVMe 4.0 x4
Form Factor	M.2 2230
Dimensions (W x L x H)	0.9" x 1.2"
Device Supported	Desktop PC, Notebook, Motherboard
Country of Origin	Mexico
TAA Compliant	Yes
Limited Warranty	3 Year

Warranty

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3-Year Limited Warranty

Environmental

Operating Temperature	0°C to 70°C
Non-Operating Temperature	-40°C to 85°C
Operating Humidity	5% to 95% relative
Shock	1500G / 0.5ms
Vibration	2-500Hz, 3.1G