Bull Creek Tech

500GB M.2 2242 PCIe Gen4 x4 SSD NDAA / TAA & NDAA Compliant

SKU: 500G2242NDAA

UPC: 810189122604



- 500GB capacity in a M.2 2242 (22 x 42 mm) form factor - drop-in upgrade for mid-size laptops and embedded systems requiring the 2242 form factor
- 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
- iTemp screened for a 0°C to 85°C operating temperature range - qualified for industrial, embedded, and field-deployed systems
- TAA-compliant, manufactured in Mexico - qualifies for federal, state, and education procurement
- NDAA-compliant build - Section 889 documentation scoped to your solicitation available on request
- Validated against major OEM systems for OEM-grade compatibility
- 3-year limited warranty with US-based support and rapid RMA

Built for Business

500GB TAA-compliant M.2 2242 solid state drive (22 x 42 mm) for mid-size laptop and embedded systems. PCIe Gen 4 x4 NVMe interface delivers up to 5,000 MB/s read / 4,500 MB/s write. iTemp screened for a 0°C to 85°C operating temperature range. 3-year warranty. Tested for compatibility with major OEM platforms. NDAA-compliant configuration with Section 889 documentation available for federal and regulated procurements.

Technical Specifications

Product Type	Solid State Drive
Storage Capacity	500 GB
Drive Type	Internal
Drive Interface	PCI Express NVMe
Drive Interface Standard	PCI Express NVMe 4.0 x4
Form Factor	M.2 2242
Dimensions (W x L x H)	0.9" x 1.7"
Operating Temperature	0°C to 85°C (iTemp Screened)
Device Supported	Desktop PC, Notebook, Motherboard
Country of Origin	Mexico
TAA Compliant	Yes

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NDAA Compliant	Yes
Limited Warranty	3 Year

Warranty

3-Year Limited Warranty

Environmental

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

Part Number

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