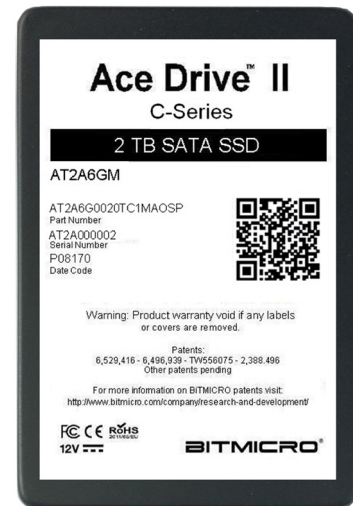


Ace Drive™ II 2.5" SATA 6Gb/s SSD C-Series (Commercial)

Reliable, High Capacity,
Durable and Built for
Enterprise and Commercial
Applications



Ace Drive II C-Series SATA 6Gb/s SSDs offer up to 2TB capacity packed in a 2.5" form factor. Advanced features such as wear leveling, ECC, and bad block management, built in the product ensure SSD longevity in various applications. Coupled with AES encryption and data loss protection features, the Ace Drive II C-Series SATA 6Gb/s SSD is a reliable and secured storage of choice for enterprise and commercial applications. Valuable data is guarded with PowerGuard® power loss data protection, providing data consistency and integrity during power outage.

Ace Drive II C-Series SATA 6Gb/s SSDs support SMART health monitoring, Native Command Queuing, and TRIM ensuring reliability while extending drive life and endurance.

Applications

Ace Drive C-Series SSDs are ideal for enterprise and commercial applications such as:

- Cloud computing
- Artificial intelligence
- Content retrieval and streaming
- Enterprise server and workstation
- Telco communication centers
- Transactions
- Big data and database storage
- Online gaming and content delivery

Features

- Up to 2TB Capacity
- PowerGuard® Power Loss Data Protection
- Power On Data Erase
- AES 256 Support
- TRIM and SMART Monitoring and Reporting

Product Specifications

Physical

Form Factor	2.5"
Mounting	HDD/SSD standard, all orientations
Interface	SATA Rev. 3.2
Dimensions (L x W x H)	100 mm x 69.85 mm x 7 mm

Capacity

MLC	Up to 2 TB
TLC	Up to 1 TB

Note: 1 TB = 1,000,000,000,000 Bytes.

Performance

Sequential Read	Up to 560 MB/s
Sequential Write	Up to 490 MB/s

Power

Voltage	5V
PowerGuard Power Loss Data Protection	Supported (Optional)
Power Saving Modes	DIPM/HIPM Mode
Active (Read/Write)	MLC: 3.2 W / 5.4 W @ 2 TB

Environmental

Operational Temperature	Commercial: 0 to 70 °C
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Reliability

MTBF	>2,000,000
Write Endurance	MLC: 4,114 TBW @ 2 TB
TRIM	Supported
SMART	Supported

Security

Power On Data Erase	Supported via ATA Secure Erase Command
AES 256 Encryption	Supported

Warranty

Standard	90 days
Extended (Optional)	2 years

For more Information

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