

Breakthrough Endurance for Enterprise Storage

Micron® Enterprise NAND Flash Memory

Micron does more than design and manufacture NAND Flash memory. We strive to solve design challenges through better engineering—by raising the bar on features, functionality, and performance. Our Enterprise NAND Flash memory, for example, is optimized to meet the endurance and reliability needs of demanding enterprise applications.

Our SLC and MLC Enterprise NAND devices deliver 300,000 and 30,000 WRITE/ERASE cycles, respectively, along with unmatched density, cost-efficiency, and reliability. And they do it with an ONFI-standard package.

Features

- ONFI 2.1 interface
- 300,000 WRITE/ERASE cycle endurance for SLC
- 30,000 WRITE/ERASE cycle endurance for MLC
- -40°C to +85°C operating temperature
- BGA package

Applications

- Enterprise SSDs
- Network-attached storage (PCI-e)
- Set-top boxes
- Automotive

Next Steps

Choose a supplier whose process technology is mature and stable enough to achieve the reliability levels you need. To find out more about product specifications and availability, visit micron.com/enterprisenand.

micron.com

Products are warranted only to meet Micron's production data sheet specifications. Products and specifications are subject to change without notice.

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5 Advantages of Micron Enterprise NAND

1. Breakthrough Endurance

Delivers 3X the WRITE/ERASE cycle endurance of standard SLC and 6X the endurance of standard MLC.

2. Ease of Design

Requires no design or process changes for existing products and uses an ONFI-standard package.

3. Optimized for Enterprise Apps

Addresses the specific needs of enterprise apps through better engineering and extended cycling endurance.

4. Micron's NAND Expertise

NAND process technology expertise ensures optimum performance and reliability.

5. Technical Support

Multistage technical assistance helps you design in some of the industry's highest-quality memory with ease.

