

High-Quality, Reliable Solid State Storage

Micron's P410m solid state drive (SSD) is a high-quality drive that delivers reliability, endurance, and performance to mission-critical storage applications. The P410m uses a SAS interface for enterprises looking to reduce power and increase the reliability of their data.

Built from the ground up using our 25nm MLC NAND with extended performance and enhanced reliability technology (XPRT) features, the P410m provides an optimal balance of endurance and speed at a broadly accessible price point. ARM/OR read management, data path protection, and physical power-loss protection are built in to protect against data loss. All of these features are provided by a trusted NAND manufacturer, ensuring a high-quality product with reliable customer support.

KEY BENEFITS

High Reliability and Quality

Build in reliability and quality with an SSD that is made from start to finish by a trusted NAND manufacturer.

Long Drive Life

Stretch your drive replacement cycles with enterprise-focused endurance (10 drive fills per day for 5 years).

Superior Data Protection

Protect data with ARM/OR read management, RAIN NAND configuration, DataSAFE data path protection, and physical power-loss protection—all in one device.

Save Power

Consume significantly less power per IOP and lower your cooling requirements.

WHICH APPLICATIONS ARE THE BEST FIT?



VIRTUALIZED ENVIRONMENTS



BIG DATA



DATABASE MANAGEMENT



HIGH-PERFORMANCE COMPUTING



CONTENT DELIVERY



High-quality P410m SSD delivers performance and reliability to mission-critical storage applications.

★ GOOD ★★ BETTER ★★★ BEST

WHY MICRON FOR SSDs?

Worldwide NAND Flash Leadership

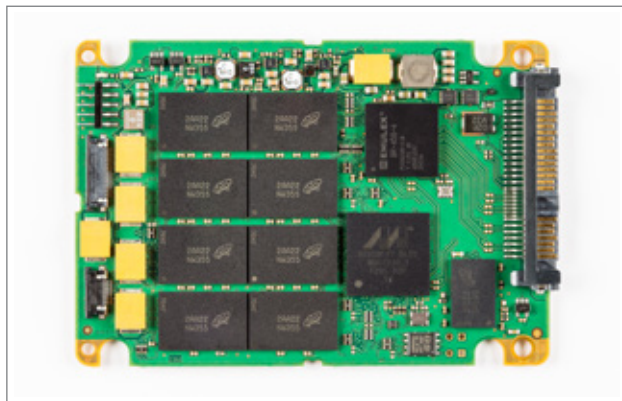
Micron SSD customers have the assurance of working with the world's leader in NAND Flash design. Our expertise in NAND technology sets us apart as a vertically integrated supplier with the unique ability to ensure end-to-end quality and to optimize our SSDs for our NAND components.

Extensive Testing

Our rigorous product testing translates to predictably reliable, high-quality drives.

Proven Start-To-Finish Quality

From component design to fabrication to the finished package device, our stringent quality requirements, significant investments in SSD test equipment, and advanced NAND management algorithms mean that reliability is literally built into every drive.



Mission-Critical SAS Storage: The P410m meets 24/7 data access demands with high endurance and reliability.

Key Specifications	
	2.5-Inch
Capacity ¹	100GB, 200GB, 400GB
Interface	SAS 6 Gb/s
Sequential read/write performance	100GB: 410/235 MB/s 200GB: 410/345 MB/s 400GB: 410/345 MB/s
Random read/write performance	100GB: 50,000/20,000 IOPS 200GB: 50,000/30,000 IOPS 400GB: 50,000/30,000 IOPS
READ/WRITE latency	0.7/1.5ms
Active power consumption	<9W (TYP)
Endurance	Up to 7PB total bytes written
Operating temp	0°C to +70°C
Dimensions	100.5 x 69.85 x 7.0mm
<small>1. Unformatted. 1GB = 1 billion bytes. Formatted capacity is less.</small>	

Orderable Part Numbers		
Part	Capacity	Form Factor
MTFDEAK100MAS	100GB	2.5-inch
MTFDEAK200MAS	200GB	2.5-inch
MTFDEAK400MAS	400GB	2.5-inch

micron.com/ssd

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P410m Performance you can trust

