Deliver Data at the Speed of Now

New and ever more demanding workloads are rapidly multiplying the variety, volume and velocity of data that your organization requires. Yet many IT teams must manage this deluge of data effectively with budgets that are not scaling as rapidly. SSDs can offer a way to easily modernize storage infrastructures and deliver game-changing results.

The Micron® 9200 series of NVMe™ SSDs is Micron's flagship performance family and the second generation of NVMe drives. It delivers even more impressive performance numbers than the Micron 9100 SSD, which was heralded by industry analysts as "*the highest performing enterprise NVMe SSD we have yet to test in our VMware environment…*".[1] With industry leading performance, the Micron 9200 SSD maximizes application throughput into business advantage and minimizes latencies for faster access to data.

The Micron 9200 SSD has the right capacity for your demanding workloads. Micron's FlexPro™ firmware architecture lets you actively tune capacity to optimize drive performance and endurance. Micron understands the importance of providing large capacity SSDs to provide smooth migrations and manage workloads, and offers the Micron 9200 SSD in both 8TB and 11TB capacities.

Micron offers a rich portfolio of flash storage solutions for the most demanding data center deployments, including a broad range of environments, applications and workloads. From NVMe to SATA SSDs, you can optimize and scale your server and storage design with purpose-built Micron flash storage. Whether it's client-, enterprise- or cloud-based, Micron offers the breadth of product solutions necessary to meet all of your storage needs.

KEY BENEFITS

Unlock the Value of Your Data Faster
Using the fastest of all SSD interfaces, the Micron 9200 SSD high-performance family of NVMe drives accelerates applications and breathes new life into aging infrastructures.

Be Large and In Charge
With capacities up to 11TB, the Micron 9200 SSD satisfies the most storage-hungry use cases.

Optimize Your Existing Infrastructure
Micron's purpose-built flash solutions are easy to deploy and deliver bottom-line value and efficiency to business and IT operations.

Get Peace of Mind With Solid Data Protection
The Micron 9200 SSD has full enterprise end-to-end data path protection and power-loss protection to help keep your data safe.

Accelerate Your Applications
Turn data into information and provide a higher level of service to your customers with transfer speeds up to 3.5 GB/s and read IOPS up to 840K (steady state).

Reduce Your Cost/IOPS
The Micron 9200 SSD delivers low cost/IOPS along with low latency.

One Size Fits All
The Micron Flex Capacity feature allows you to tune the drive's capacity to deliver application- and workload-optimized performance.

WHICH APPLICATIONS ARE THE BEST FIT?

BIG DATA	HIGH-PERFORMANCE COMPUTING	VIRTUALIZATION	DATABASE MANAGEMENT
★★★	★★★	★★★	★★★

The Micron 9200 SSD's solid performance and reliability delivers more value to your enterprise applications.

★ GOOD   ★★ BETTER   ★★★ BEST

Micron®

Benefits of NVMe

Built for Nonvolatile Memory

Architected from the ground up to remove legacy layers of hard drive interfaces, it unleashes the speed of solid state nonvolatile memory.

High Performance

Streamlined efficient queuing protocol combined with an optimized command set register interface enables low latency and high performance. Data is delivered fast and efficiently, with minimal burden on the host CPU.

Industry Standard

Wide adoption driven by a strong consortium of storage technology providers and a robust ecosystem of drivers across multiple operating systems. Industry analysts are predicting strong growth for NVMe.

Key Specifications								
	9200 ECO (read-intensive)		9200 PRO (mixed-use)			9200 MAX (write-intensive)		
Capacity[2]	**8TB**	**11TB**	**1.92TB**	**3.84TB**	**7.68TB**	**1.6TB**	**3.2TB**	**6.4TB**
Sequential Reads (GB/s)[3]	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50
Sequential Writes (GB/s)[3]	3.10	3.50	1.90	3.10	3.10	1.90	3.10	3.10
Random Reads (IOPS)[4]	840K	840K	680K	840K	840K	680K	840K	840K
Random Writes (IOPS)[4]	140K	130K	185K	170K	170K	255K	285K	280K
Endurance (TBW in PB)	11.7	16.1	3.5	7.0	14.0	8.8	17.5	35.1
Form Factor	U.2 (2.5-inch, 15mm)							
Interface	PCIe x4 Gen3 NVMe							
NAND	Micron 3D TLC NAND							
MTTF	2 million device hours							
Advanced Features[5]	Flex Capacity, end-to-end enterprise data path protection, power-loss protection, secure signed firmware, Storage Executive SSD management, XPERT features, high performance, low latency, NVM Express® industry-standard, 5-year warranty							

Base Part Numbers			
SSD Family	**Standard Part**	**Capacity**	**Form Factor**
Micron 9200 ECO	MTFDHAL8TATCW-1AR1ZABYY	8TB	U.2
	MTFDHAL11TATCW-1AR1ZABYY	11TB	U.2
Micron 9200 PRO	MTFDHAL1T9TCT-1AR1ZABYY	1.92TB	U.2
	MTFDHAL3T8TCT-1AR1ZABYY	3.84TB	U.2
	MTFDHAL7T6TCT-1AR1ZABYY	7.68TB	U.2
Micron 9200 MAX	MTFDHAL1T6TCU-1AR1ZABYY	1.6TB	U.2
	MTFDHAL3T2TCU-1AR1ZABYY	3.2TB	U.2
	MTFDHAL6T4TCU-1AR1ZABYY	6.4TB	U.2

micron.com/ssd

1. *StorageReview 2016.*
2. *Unformatted. 1GB = 1 billion bytes. Formatted capacity is less.*
3. *Sequential read/write @ 128KB.*
4. *Random read/write @ 4KB.*
5. *No hardware, software or system can provide absolute security under all conditions. Micron assumes no liability for lost, stolen or corrupted data arising from the use of any Micron products, including those products that incorporate any of the mentioned security features.*

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