



Find your fit: Micron® Server DRAM and SSDs



Upgrading your servers? Building new servers altogether?
Micron has you covered.

We can help you optimize your memory and storage to achieve
the perfect balance of cost, performance and power efficiency.

| | SSD Series/ Model | Form factor | Capacity (TB) | Suitable for | | | | | | |
|-------|----------------------|----------------|--------------------------------|--------------|--------------|------------------|--------------------|-----------|---------------------|--------|
| | | | | Caching | AI/ML/ DL | Streaming CDN | Primary storage | Analytics | Digital workflow | Boot |
| NVMe™ | 9550 MAX 9550 PRO | U.2 / 15 mm | 3.20 to 25.60 3.84 to 30.72 | ● ● | ● ● | ○ ● | ● ● | ○ ● | ○ ○ | ○ ○ |
| | 7500 MAX 7500 PRO | U.3 / 15mm | 0.96 to 12.80 0.80 to 15.36 | ● ● | ● ● | ○ ● | ● ● | ○ ● | ○ ● | ○ ● |
| | 7450 MAX 7450 PRO | U.3 / 7mm | 0.96 to 7.68 0.80 to 6.40 | ● ● | ● ● | ○ ● | ● ● | ○ ● | ○ ● | ○ ● |
| | 7450 MAX 7450 PRO | E1.S | 0.96 to 3.84 0.80 to 3.20 | ● ● | ○ ● | ○ ● | ● ○ | ○ ● | ○ ○ | ○ ● |
| | 7450 MAX 7450 PRO | M.2 / 2280 | 0.48 to 3.84 0.40 to 3.20 | ● ○ | ○ ○ | ○ ● | ● ● | ○ ○ | ○ ● | ● ● |
| | 7450 MAX 7450 PRO | M.2 / 22110 | 0.48 to 3.84 0.40 to 3.20 | ● ○ | ○ ○ | ○ ● | ● ● | ○ ○ | ○ ● | ● ● |
| | 6550 ION | U.2 / 15mm | 30.72 to 61.44 | ○ | ● | ● | ○ | ○ | ○ | ○ |
| SATA | 5400 MAX 5400 PRO | 2.5" / 7mm | 0.24 to 3.84 0.24 to 7.68 | ● ● | ○ ○ | ○ ● | ● ● | ○ ● | ○ ● | ● ● |
| | 5400 MAX 5400 PRO | M.2 / 2280 | 0.24 to 1.92 0.24 | ○ ○ | ○ ○ | ○ ○ | ○ ○ | ○ ○ | ○ ● | ● ● |

- Best fit
- Good fit
- Other options are ideal

- MAX - Highest performance
- PRO - High performance
- ION - Best capacity per cost

Micron DDR4



Micron DDR5



Form factors*

RDIMM, LRDIMM, ECC UDIMM,
ECC SODIMM

RDIMM, MRDIMM, TFF MRDIMM,
ECC CUDIMM, ECC CSODIMM,
ECC UDIMM, and ECC SODIMM

Speed MT/s*

3200

4800, 5600, 6400, 8800

Densities* GB

8, 16, 32, 64, 128

16, 24, 32, 48, 64, 96, 128, 256

Best for

- Web hosting
- File servers
- Email servers
- Small to medium-sized databases
- Development environments
- Basic virtualization
- Network infrastructure services (DNS, DHCP)
- Print servers
- Media streaming
- Backup and recovery services

- High-performance computing (HPC) applications
- Large-scale virtualization
- Real-time data analytics
- Machine and deep learning workloads
- Advanced scientific research
- Video editing and 3D rendering
- Large database management
- Cloud computing services
- Big data processing
- Cryptography and blockchain computations

Contact Micron to find your (server) balance.

With more than 45 years of memory and storage innovation, Micron's experts are uniquely qualified to help you optimize compute, memory and storage.

Discover your perfect configuration at microncp.com/balance

*Not all speeds and densities are available in all form factors.

