

## Memory Experts for Networking



### Networking Trends

When selecting the optimal memory for your networking solution, consider these industry trends:

- Cloud services are adding to today's ever-increasing demand for greater bandwidth and increased speed.
- Software-defined networking is enabling organizations to develop innovative services, applications and business models.
- Internet users continue to stream and download video more than ever.
- Mobile data and internet video are requiring more bandwidth and are increasingly sensitive to network latency.
- 5G is driving a shift in mobile network design and pushing the limits of bandwidth, latency and efficiency.

It is more important than ever to design networking products to be resilient, adaptable and ready for new demands. Choose an experienced memory partner who can help you make the right design choices to navigate a changing market.

### Micron Networking Solutions

- RLD RAM 2 and 3
- GDDR5N, GDDR6N
- Hybrid Memory Cube (HMC)
- High-speed DRAM components
  - Low-power DRAM components
- RDIMM, VLP DIMM, Mini-DIMM
- SLC and MLC NAND Flash, SSDs
- Managed NAND – eUSB, eMMC
- SPI and Parallel NOR Flash



### Why Choose Micron for Networking?

1. Market Leadership  
Work with the number one memory supplier for networking.
2. Commitment  
Proven networking-class quality, reliability and long-term support.
3. World-Class Support  
Design in with ease with the help of our worldwide technical support and system expertise.
4. Complete Portfolio  
Get the right memory for your every design need from Micron's broad portfolio.

# Micron Networking Solutions



*Build resilient, adaptable networks ready for tomorrow's demands — with a trusted memory partner by your side.*

## Featured Networking Products

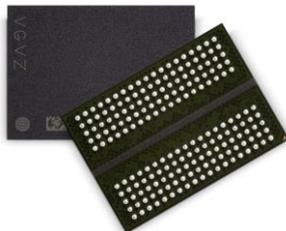
### RLDRAM 3: Better Than Ever

Reduced-latency DRAM (RLDRAM®) memory is a high-performance memory that combines the high density, high bandwidth and fast SRAM-like random access that networking, image processing and cache applications need. This well-established memory solution is getting better with our latest-generation RLDRAM 3 memory.

### Introducing GDDR6N: Building on the Success of GDDR5N



GDDR6N is a high-performance memory solution that delivers faster processing and buffering with two efficient, dual 16-bit channels and data rates up to 12 Gb/s. That's 8X the effective bandwidth of the fastest available DDR4 device. GDDR6N addresses high-performance demands, providing an alternative to standard DDR memories.



### HMC: Break Through the Memory Wall

HMC is a leap forward in memory technology and performance. It combines high-speed logic and DRAM layers into a single, optimized 3D package, leveraging through-silicon via (TSV) technology.

HMC performance levels break through the power and performance wall experienced by traditional memory systems, delivering a high-bandwidth, energy-efficient, high-density memory system that enriches next-generation networking and helps drive significant reductions in data center and supercomputing power



consumption.

## Contact Us

Visit [micron.com/networking](http://micron.com/networking) for more details on our networking solutions. Contact your Micron sales representative with questions or for samples and support.

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