

## The Right Partner, the Right Memory for Networking Applications



### Networking Trends

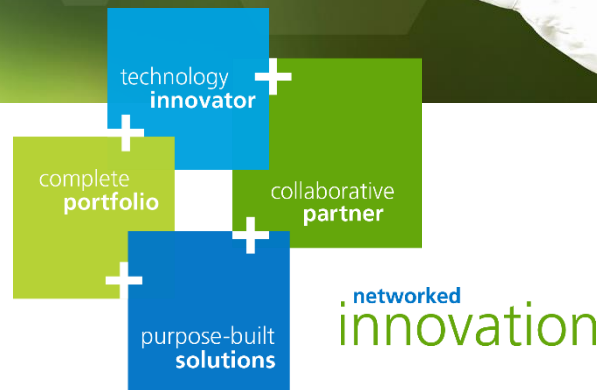
When picking a networking solution, consider these industry trends:

- 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 configurations.

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
- Hybrid Memory Cube (HMC)
- High-speed DRAM components
- Low-power DRAM components
- RDIMM, VLP DIMM, Mini-DIMM
- SLC and MLC NAND flash
- Managed NAND – eUSB, eMMC
- SPI and Parallel NOR flash
- SSDs



### Why Choose Micron for Networking?

- 1. Market Leadership**  
Work with the number one memory supplier for networking.
- 2. Commitment**  
Choose a reliable, long-term memory partner with quality products — many available for the long haul.
- 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

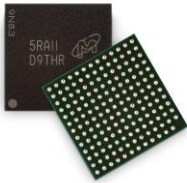


*Build resilient, adaptable networks ready for tomorrow's demands — with a trusted memory partner by your side.*

## Featured Networking Products

### RLDRAM 3: Better Than Ever

Reduced-latency DRAM (RLDRAM<sup>®</sup>) 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 — which beats even leading-edge DDR3 for sustained high bandwidth — is getting better with the introduction of our third-generation RLDRAM memory.



### GDDR5N: Built for Networking

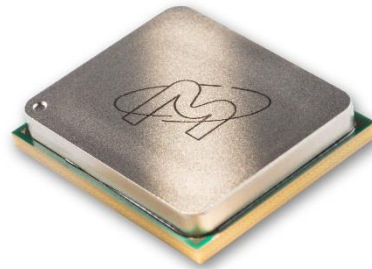
GDDR5 is a high-performance memory solution that delivers faster data packet processing and buffering with a wide 32-bit bus and data rates up to 5.0 Gb/s. That's 3X the effective bandwidth compared to a DDR4-3200 device. GDDR5 addresses high-performance demands by providing an alternative to DDR4 and a stepping stone to the extreme bandwidth of Micron's HMC.



### HMC: Break Through the Memory Wall

HMC is a leap forward in memory technology. It combines high-speed logic and DRAM layers into a single optimized 3D package that leverages 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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