



Optimize Networking and Server Performance with Micron's VLP Modules

The networking market is assured of a solid, stable, committed supplier in Micron. For years, we've provided solutions that address our networking customers' needs for high bandwidth and low latency. Working closely with customers and enablers to identify specific industry requirements has produced results: a steady stream of Micron networking solutions—from the core, to the edge, to the premise.

Our extensive product offering—ranging from legacy to leading-edge devices—includes multiple memory generations and architectures (SDR, DDR, DDR2, RDRAM® memory), as well as extended temperature and lead-free options. In addition to a broad array of solutions, Micron brings substantial manufacturing resources, a stable supply, and support for extended product life cycles to this segment.

VLP Product Family

Micron's recent efforts in the networking segment have centered on the development of our very low-profile product family. Our DDR2 very low-profile (VLP) MiniDIMMs and DDR/DDR2 VLP registered DIMMs are the perfect fit for networking routers and switches, and blade servers, where space and height are severely limited.

Micron's VLP modules deliver all of the performance enhancements needed to optimize networking and server applications. The low profile (18.29mm/0.72in) and short length (82mm/3.23in) of VLP MiniDIMMs enable vertical socketing on the board, providing valuable board savings—up to 67 percent—while improving airflow and reducing thermal power consumption. These innovative, high-bandwidth solutions are also backward compatible with existing sockets, providing immediate benefits without any product redesign.

www.micron.com

Products are warranted only to meet Micron's production data sheet specifications. Products and specifications are subject to change without notice. Dates are estimates only.

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DDR2 VLP MiniDIMMs for Networking: Micron's PC2-5300 DDR2 VLP registered MiniDIMMs address the performance needs, space issues, and thermal issues in networking equipment. See page 2 for availability of 256MB, 512MB, and 1GB densities.

DDR/DDR2 VLP RDIMMs for Servers: Micron's high-density, DDR and DDR2 VLP RDIMMs significantly boost overall telecom, networking, and computing blade server memory capacities while remaining compatible with existing RDIMM sockets. See page 2 for availability of 512MB, 1GB, and 2GB densities.

Micron's VLP products specifically address the biggest design challenges for networking and server applications—space, speed, airflow, thermal power consumption—head-on and deliver an ultimate, optimized solution. Visit www.micron.com for more information about Micron's VLP modules and our entire offering of networking solutions.

Micron® VLP MiniDIMMs and RDIMMs

