

# HPE Networking Comware Router Series MSR4000



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## What's new

- Enhances security with built-in IPS and optional HPE IPS filter subscription, as well as zone-based and stateful firewall.
- OpenFlow facilitates Software-defined Networking (SDN).
- WAN optimization and Intelligent Resilient Fabric (IRF).
- Ethernet Virtual Interconnect (EVI), VXLAN and VPLS.
- Fiber LAN switching and high-density E1/T1 modules.

## Overview

The HPE MSR4000 Router Series deliver high-performance large branch routing with up to 36 Mpps in a cost-optimized form factor. Featuring integrated routing, switching, security, VPN, and SIP with no additional licensing, you can boost your service delivery while simplifying the management of your corporate WAN.

With the Open Application Platform module, the MSR4000 Router Series offers a wide range of virtualized applications. Its distributed, modular architecture and high reliability also strengthen the resiliency of large branches.

## Features

### **Reduces Complexity and Simplifies Your Network**

The HPE MSR4000 Router Series simplifies your network through integrated routing, switching, security, voice, and VPN, and combines the flexibility of modular upgrades to deliver high-performance large branch routing.

Makes administration easier with HPE Intelligent Management Center (IMC) Software.

Reduces management complexity with zero-touch deployment (ZTP) and Dynamic VPN.

### **Enhances Time to Service and Branch Performance**

The HPE MSR4000 Router Series offers high-performance routing with up to 36 Mpps forwarding and 28 Gbps of IPSec encryption throughput to meet the bandwidth demands of the branch.

Supports branch services with a comprehensive feature set and eases the cloud transition with integrated security.

Delivers powerful aggregation capacity and high port density to satisfy the largest branches.

### **Increases Your Return on Investment**

The HPE MSR4000 Router Series is a modular platform with a wide range of connectivity options that enables the right design for your needs.

Reduces your TCO through open standards, power and space savings, and energy-efficient hardware.

Deploy advanced features with no additional licensing.

### **Boosts Large Branch Agility and Resiliency**

The HPE MSR4000 Router Series is built on distributed architecture with separate hardware data and control planes for increased resiliency.

Facilitates high reliability with 4G/LTE and 3G WAN, dual MPUs, redundant power supplies.

Gives you an open standards approach to networking with the Open Application Platform module by supporting HPE AllianceOne applications such as WAN acceleration and Microsoft Skype for Business (Lync).



**Technical specifications****HPE Networking Comware Router Series MSR4000**

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<b>Ports</b>	(8) HMIM slots, (2) MPU (main processing unit) and 1 SPU (service processing unit) slots Maximum, depending on model and configuration
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<b>Throughput</b>	36 Mpps Maximum, depending on model and configuration
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<b>Routing table size</b>	1000000 entries (IPv4), 1000000 entries (IPv6) Maximum, depending on model and configuration
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<b>Wireless capability</b>	3G, 4G LTE Depending on options and configuration
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<b>PoE capability</b>	IEEE 802.11at, 450 W Maximum, depending on model, options and configuration
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<b>Input voltage</b>	-36 to -75 VDC Maximum, depending on model and configuration
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<b>Operating humidity range</b>	5 to 90% (noncondensing)
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<b>Power consumption</b>	300 W (maximum)
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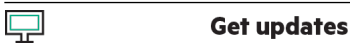
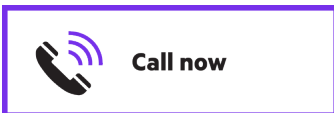
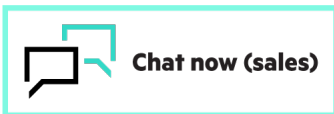
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[For additional technical information, available models and options, please reference the QuickSpecs](#)

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Image may differ from the actual product  
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