Data sheet

HPE Networking Comware Router Series MSR3000

HPE Networking Comware Router MSR3046 (R9J04A)

What's new

- Enhances security with built-in IPS and stateful firewall, with optional HPE IPS filter subscription.
- New Serial, GbE and Gig-T SIC modules increase configuration flexibility.
- High-density voice modules and channelized POS access to cover.
- Additional features such as ADVPN and hierarchical QoS.

Overview

The HPE Networking Comware Router Series MSR3000 feature a modular design that delivers unmatched application services for medium to large branch offices. These routers offer Gigabit switching, provide an enhanced PCI bus, ship with the Comware v7 OS, provide a full-featured resilient routing platform including IPv6 and MPLS, offer up to 13 Mpps forwarding capacity and 14.3 Gb/s of IPSec VPN encrypted throughput to ensure high performance with concurrent services.

With the Open Application Platform module, the HPE Networking Comware Router Series MSR3000 offers a wide range of virtualized applications. Its distributed architecture and high reliability also strengthen the resiliency of medium to large branches.

The MSR3000 series provides an agile, flexible network infrastructure that enables you to quickly adapt to changing business requirements while

delivering integrated concurrent services on a single, easy-to-manage platform.

Features

Reduces Complexity and Simplifies Your Network

The HPE Networking Comware Router Series MSR3000 simplifies your network through integrated routing, switching, security, and voice, and combines the flexibility of modular upgrades to deliver high-performance medium-to-large branch routing.

Makes administration easier with HPE Networking 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 Networking Comware Router Series MSR3000 offers high performance routing with up to 13 Mpps forwarding and 14.3 Gbps of IPSec encryption throughput to meet bandwidth requirements of branch traffic.

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

Satisfies medium to large branches with advanced hardware architecture and high port density.

Increases Your Return on Investment

The HPE Networking Comware Router Series MSR3000 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 Agility and Resiliency

TheHPE Networking Comware Router Series MSR3000 provides Open Application Platform module that supports HPE Alliance One applications such as WAN acceleration and Microsoft Skype for Business (Lync).

Delivers an open standards approach to your network infrastructure.

With advanced hardware architecture and FPBA modules, you get reliable, high-performance functionality with multi-core processors.

Technical specifications	HPE Networking Comware Router MSR3046
Product Number	R9J04A
Ports	4 HMIM slots 4 SIC slots 9 RJ-45 10/100/1000 WAN ports (1 combo can be used as SFP WAN port) 5 fixed 10GE SFP+ ports
Power consumption	100 W (maximum)
Heat dissipation	218 BTU/hr (229.99 kJ/hr)
Routing table size	500000 entries (IPv4) 500000 entries (IPv6)
Throughput	up to 9 Mpps
Wireless capability	3G, 4G LTE, 4G Depending on options and configuration
Warranty	1-year Warranty: See www.hpe.com/networking/warrantysummary for warranty and support information included with your product purchase.
Input voltage	100-120/200-240 VAC
Differentiator	Multi-service router for use in select HPE products.
Shipping weight	11.3 kg
Shipping dimensions	8.9 x 43.9 x 48 cm

HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

Advisory & Professional services

Experts can help you map out your path to hybrid cloud and optimize your operations.

Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

Support services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

— **HPE Complete Care Service:** a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.

— **HPE Tech Care Service:** the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

— **HPE Multivendor Services:** Single point of accountability for managing on-site hardware and software support for multivendor products. HPE experts help manage your IT across technologies and platforms for HPE and non-HPE technologies, acting as the single point of contact for your IT operational needs.

Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options

Defective Media Retention is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

GreenLake

GreenLake is the cloud to run and manage your entire hybrid landscape—private, public, and edge. It helps you to:

— Streamline IT Operations across compute, storage, and networking without the chaos

— Unify and secure data, as you move faster

— Accelerate AI, from pilot to production

The result: greater operational efficiency, lower TCO, and faster AI delivery—all from one unified, intelligent platform built for today's hybrid enterprise.

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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