

# HPE FlexNetwork MSR3016 AC Router (R8V32A)



## 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.
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## Overview

The HPE MSR3000 Router Series 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 MSR3000 Router Series 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 MSR3000 Router Series 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 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 MSR3000 Router Series 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 MSR3000 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 Agility and Resiliency**

The HPE MSR3000 Router Series 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.

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Technical specifications

HPE FlexNetwork MSR3016 AC Router

Product Number	R8V32A
Differentiator	Multi-service AC router for use in select HPE products.
Ports	4 SIC slots 4 RJ-45 10/100/1000 WAN ports (2 combo can be used as SFP WAN port) 2 SFP fixed Gigabit Ethernet WAN ports
Throughput	up to 2.2 Mpps
Routing table size	500000 entries (IPv4) 500000 entries (IPv6)
Wireless capability	3G, 4G LTE, 4G Depending on options and configuration
Input voltage	100-120/200-240 VAC
Operating humidity range	5 to 90% (noncondensing)
Power consumption	100 W (maximum)
Heat dissipation	127 BTU/hr (133.98 kJ/hr)
Product dimensions (metric)	4.3 x 43.9 x 36.1 cm
Weight	4.5 kg



For additional technical information, available models and options, please reference the [QuickSpecs](#)

## 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.

### Consulting 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.

### Operational 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.

### 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.

The [Defective Media Retention \(DMR\)](#) service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction. [Comprehensive Defective Material Retention \(CDMR\)](#) allows you to keep all data retentive components.

## HPE GreenLake

[HPE GreenLake edge-to-cloud platform](#) is HPE's market-leading as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model, on premises, fully managed in a pay per use model.

If you are looking for more services, like **IT financing solutions**, please explore them [here](#).

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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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