



# HPE FLEXNETWORK MSR3000 ROUTER SERIES

## Modular Ethernet Routers

### 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 MSR3000 Router Series

<b>Differentiator</b>	Fixed-port and modular, next-generation router IPv6 and MPLS up to 5 Mpps forwarding 3.3 Gbps of IPsec VPN encrypted throughput Gigabit switching supports HPE Open Application Platform for medium-to-large sized branch offices
<b>Ports</b>	4 HMIM slots 4 SIC slots 10 RJ-45 10/100/1000 WAN ports 16 fixed 10GE SFP+ ports 9 fixed 25GE SFP28 ports 2 power supply slots
<b>Throughput</b>	5 Mpps Maximum, depending on model and configuration
<b>Routing table size</b>	500000 entries (IPv4), 500000 entries (IPv6) Maximum, depending on model and configuration
<b>Wireless capability</b>	3G, 4G LTE, 4G Depending on options and configuration
<b>Input voltage</b>	-36 to -75 VDC Maximum, depending on model and configuration
<b>Operating humidity range</b>	5 to 90% (noncondensing)



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

## HPE POINTNEXT SERVICES

[HPE Pointnext Services](#) brings together technology and expertise to help you drive your business forward and prepare for whatever is next.

### Operational Services from HPE Pointnext Services

[HPE Pointnext Tech Care](#) provides fast access to product-specific experts, an AI-driven digital experience, and general technical guidance to help enable constant innovation. We have reimagined IT support from the ground up to deliver faster answers and greater value. By continuously searching for better ways to do things—as opposed to just fixing things that break—HPE Pointnext Tech Care helps you focus on achieving your business goals.

[HPE Pointnext Complete Care](#) is a modular, edge-to-cloud IT environment service that provides a holistic approach to optimizing your entire IT environment, and achieving agreed upon IT outcomes and business goals through a personalized and customer-centric experience. All delivered by an assigned team of HPE Pointnext Services experts.

**HPE Integration and Performance Services** help you customize your experience at any stage of your product lifecycle with a menu of services based on individual needs, workloads, and technologies.

- Advise, design, and transform
- Deploy
- Integrate and migrate
- Operate and improve
- Financial Services
- Greenlake Management Services
- Retire and sanitize
- IT Training and personal development

### Other related services

[HPE Education Services](#) delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation. Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

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

## HPE GREENLAKE

[HPE GreenLake](#) is HPE's market-leading IT 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. HPE GreenLake delivers public cloud services and infrastructure for workloads 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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