



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.
- WAN survivability with 4G LTE SIC modules, and flexible power options.
- 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 MSR3000 Router Series delivers high-performance medium to large branch routing up to 5 Mpps in a cost-optimized form factor. Featuring integrated routing, switching, security, and SIP with no additional licensing, you can boost your service delivery while simplifying management of your corporate WAN.

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.

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 5 Mpps forwarding and 3.3 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 branch service and business continuity with 4G/LTE and 3G WAN.

With the Open Application Platform module, support HPE AllianceOne 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 FlexNetwork MSR3000 Router Series**

Differentiator	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
Ports	6 HMIM slots 4 SIC slots, 2 DSIC slots, or a combination 3 RJ-45 1000BASE-T and 2 SFP fixed Gigabit Ethernet SFP ports Maximum, depending on model and configuration
Throughput	5 Mpps Maximum, depending on model and configuration
Routing table size	500000 entries (IPv4), 500000 entries (IPv6) Maximum, depending on model and configuration
Wireless capability	3G, 4G LTE, 4G Depending on options and configuration
Input voltage	-36 to -75 VDC Maximum, depending on model and configuration
Operating humidity range	5 to 90% (noncondensing)



Most, if not all IT organizations are on a digital transformation journey — each at a different stage. With over 11,000 IT projects conducted and 1.4 million customer interactions each year, [HPE Pointnext Services](#)' 15,000+ experts and its vast ecosystem of solution partners and channel partners are uniquely able to help you at every stage of your digital transformation. We bring together technology and expertise to help you drive your business forward and prepare for whatever is next.

Advisory and Professional Services help you accelerate your digital transformation. [Operational Services](#) help you remove complexity and respond rapidly to business demands.

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 Datacenter Care](#)** helps modernize and simplify IT operations. Partner with an assigned account team, access technical expertise, an enhanced call experience gives you priority access, choose hardware and software support, implement proactive monitoring to help stay ahead of issues, and access HPE IT best practices and IP.
- **[HPE Proactive Care](#)** offers an enhanced call experience and helps reduce problems with personalized proactive reports and advice. This also includes collaborative software support for Independent Software Vendors (ISVs), (Red Hat, VMWare, Microsoft, etc.). [Read more](#)
- **[HPE Foundation Care](#)** helps when there is a problem and has a choice of response levels. Collaborative software support is included and provides troubleshooting help for ISVs running on your server. [Read more](#).

Other related services

[Defective Media Retention](#) is optional and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

[HPE Service Credits](#) offers a menu of technical services, access additional resources, and specialist skills.

[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.



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

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.

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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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