



HPE FLEXNETWORK MSR4000 ROUTER SERIES

Modular Ethernet Routers



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 FlexNetwork MSR4000 Router Series**

Differentiator	Modular, next-generation router IPv6 and MPLS Up to 36 Mpps forwarding capacity 28 Gbps of IPsec VPN encrypted throughput 10 Gigabit SFP+ integrated Supports HPE Open Application Platform For extra-large branch offices, headquarters and campus
Ports	(8) HMIM slots, (2) MPU (main processing unit) and 1 SPU (service processing unit) slots Maximum, depending on model and configuration
Throughput	36 Mpps Maximum, depending on model and configuration
Routing table size	1000000 entries (IPv4), 1000000 entries (IPv6) Maximum, depending on model and configuration
Wireless capability	3G, 4G LTE Depending on options and configuration
PoE capability	IEEE 802.11at, 450 W Maximum, depending on model, options and configuration
Input voltage	-36 to -75 VDC Maximum, depending on model and configuration
Operating humidity range	5 to 90% (noncondensing)
Power Consumption	300 W (maximum)



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

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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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