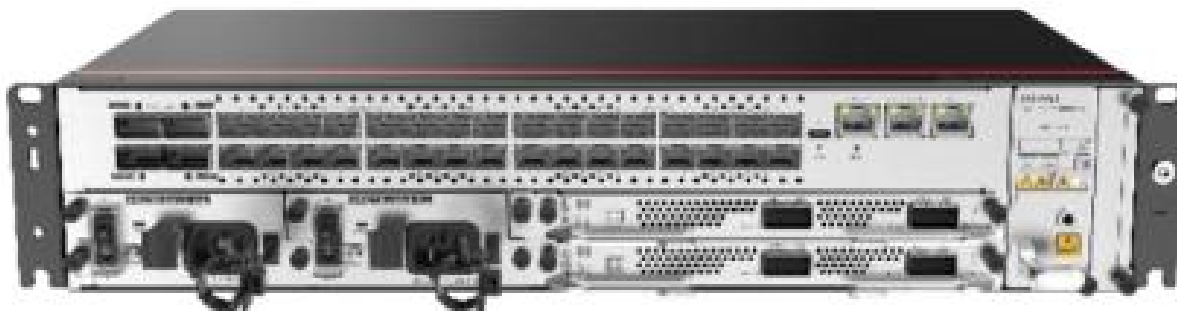




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NetEngine 8000 M4-G Service Router

Datasheet



■ ■ Product Overview

The NetEngine 8000 M4-G is the most cost effective Mini BNG router. Only 2U tall and 220 mm deep, it has a port capacity of up to 1.6 Tbps and supports four service slots. It provides 100GE, 50GE, 40GE, 25GE, 10GE, and GE ports to flexibly adapt to different service scenarios and supports features such as SRv6, EVPN, FlexE, and 1588v2. Its compact design saves space resources and significantly reduces CAPEX.

The product fully supports the future-oriented next generation unified network SRv6 technology, which can realize the construction of IP backbone, metro area, mobile backport and data center and other parts of the network, which can be carried by 5G, personal/enterprise cloud, cloud mutual connection, IOT, government-enterprise dedicated line, home wide application, CDN and other applications. As the basic carrying protocol of the whole network, it can realize the comprehensive carrying capacity of all services from end to end. Through SRv6, protocol simplification, large-scale networking, seamless integration, high reliability, integrated business chain, programmable network + business, whole ecological industrial system can be achieved.

It supports the Data Redundancy Elimination (DRE) function to compress/decompress data between wide area border routers, reduce the bandwidth consumption of wide area links, save line costs, and accelerate the deployment of distributed data centers.

NetEngine 8000 M4-G integrates a variety of functions, simplifies the network structure, provides rich service types, reliable quality of service and intelligent operation and maintenance, leads the IP WAN to the intelligent network of automatic driving, and provides continuous momentum for the business success of enterprise customers.

■ Technical Specification

Items	Instructions
Cabinet Installation Standards	21-inch ETSI-compliant width 19-inch IEC-compliant width
Dimensions (W × D × H, excluding packing materials)	442mm × 220mm × 88.9mm
Dimensions (W × D × H, including packaging materials)	585mm × 390mm × 335mm
Chassis Height	2U
MTBF	31.62 year
MTTR	0.5 hour
Availability	0.999998195
SDRAM Specifications	16GB
Flash	64MB
Storage	16GB
Power Supply System	AC
Rated Input Voltage	200V to 240V/100V to 127V dual live wire with 240V HVDC support
Input Voltage Range	90V to 290V
Maximum Input Current	10A
Rated Output Power	1500W
Heat Dissipation Method	System air cooling
Air Flow Direction	Left in and right out
Total Number of Slots	8
Number of SPU Slots	2
Power Supply Redundancy	1+1
Fan Redundancy	1+1, short-term normal operation in 40°C environment after single fan failure (2 fans in one fan module)
Long-term Operating Temperature	-20°C to 55°C



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