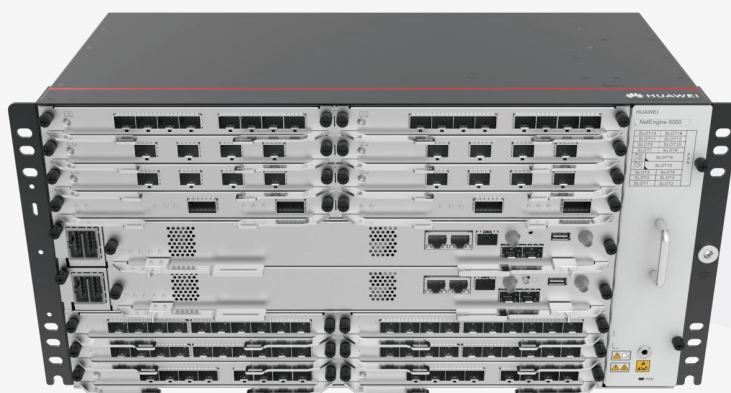


Leading Intelligent IP Network



Industry's First 400G Platform Box Router NetEngine 8000 M14



Large Capacity

Max 20*100G
Evolvable to 4.8T+ per system



Compact

5U, 220mm
14 slots(DC), industry-leading
diversified port types



Full service

NP Architecture
SR/SRv6/EVPN
BNG



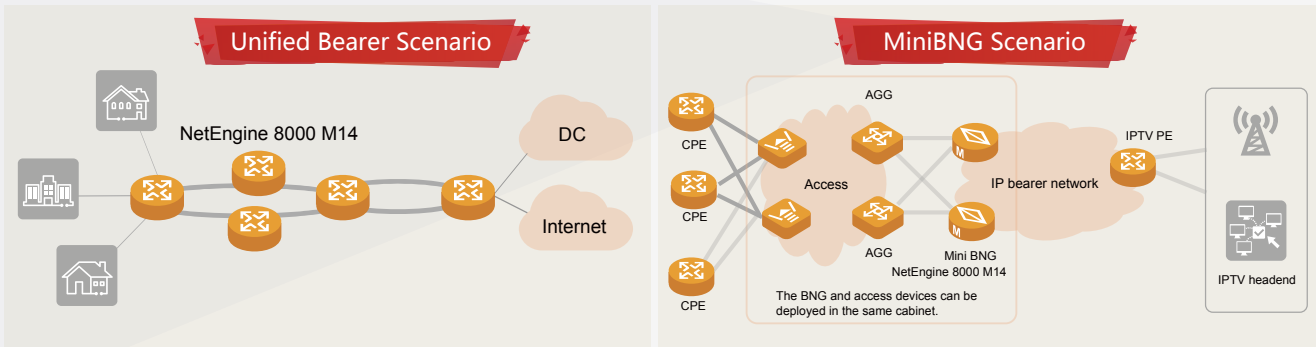
High reliability

Redundant control
& forwarding units
Redundant power & fans

Product Introduction

NetEngine 8000 M14 is a full-service converged bearer router designed for the cloud era. It's featured with 5U height, up to 2Tbps port capacity, and 14 service slots. It is the most compact in the industry, saves precious space resources, and supports evolution to 4.8T+ capacity. It flexibly adapts to different services, supports 100GE/50GE/25GE/10GE interfaces, and supports features such as SR, EVPN, FlexE, and 1588v2 high-precision clock, which is the best choice for multi-service convergence in the cloud era.

Application Scenario



Product Specifications

Dimensions (H x W x D)	222mm×442mm×220mm (5U)
System Capacity	2Tbps
Power Input	DC: -40V to -72V; AC: 90V to 264V
Typical Power Consumption	1300W
Slot	14(DC)
Port Capability	100GE: 20; 50GE: 28; 25GE: 80; GE: 280
L2	IEEE802.1q, IEEE802.1p, IEEE 802.3ad, IEEE 802.1ab, STP/RSTP/MSTP
L3	OSPF, RIP, IS-IS, BGP, ACL, IPv4, 6VPE
MPLS	LDP, RSVP-TE, L2VPN, L3VPN, Seamless MPLS
SR/EVPN	SR/SRv6, EVPN
Multicast	IGMP, Static Multicast Routing, PIM-SM/SSM, MBGP, NGMVPN
BNG	Support
Clock	1588v2, Synchronous Ethernet Clock
OAM	Telemetry, iFIT, BFD, NQA, RFC 2544, TWAMP
Operating Temperature	-0°C ~ 45°C
Operating Humidity	Long Term: 5%RH to 95% RH, Non-condensing

Supports subcards

Category	Description	Category	Description
100GE	2*100GE/50GE Optical interface board(QSFP28)	GE	20*GE(CSFP)/10*GE(SFP) Optical interface board
50GE	2*50GE/1*100GE Optical interface board(QSFP28)		10*GE/FE(SFP) Optical interface board
25GE	8*25GE(QSFP28)/10GE(SFP+) Optical interface board	E1	16*E1 Electrical interface board(75 ohm/120 ohm)
	4*25GE(QSFP28)/10GE(SFP+) Optical interface board	POS/CPOS	4*POS(STM-1/OC-3) Optical interface board
10GE	10*10GE(SFP+)/GE(SFP) Optical interface board		4*CPOS(STM-1) Optical interface board