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Overview

Huawei ME60 Series Multi-Service Control Gateways ME0B0BKP0830, ME60-X8 Basic Configuration includes ME60-X8 Chassis, 2+1 Redundant SRU/SFU, 4 DC Power, without Software Charge and Document. The ME60 platform supports up to 240G subscriber access line card, and the industry's largest capacity 160G CGN service board. ME60 has up to 256K concurrent subscribers per chassis, which provides flexibility to meet various requirements in ultra bandwidth era. In addition, the ME60 provides unique BNG Pool solution using hot backup technology which ensures service always online.

The ME60 provides a powerful session setup rate, which is up to 300 subscribers per second on each single slot, and up to 1200 subscribers per second on each single chassis. NAT session setup rate is up to 2M per second with CGN board, which delivers reliable non-stop services and excellent experience to subscribers. It ensures smooth and reliable running of various services. Based on the solution with ME60, customers are able to construct a future-oriented and intelligent broadband IP network, which can greatly reduces the total cost of ownership of the network.

Quick Specification

Model	ME60-X8
Part Number	02352021
Switching Capacity	12.58 Tbit/s
Slots	11 slots, including 2 SRUs (1:1 backup), 1 SFUs (2+1 backup), and 8 LPUs
Maximum Power Consumption	4,100W (240G)
Dimensions (H x W x D) mm	442 mm x 650 mm x 620 mm (14U)
Full Configuration Weight	119 kg (120G)

Product Details:

Huawei ME60-X8 Router Product Feature

- Scalable, non-blocking switching network with switching capacity on the order of Tbit;
- Adopt distributed hardware forwarding technology, fast business deployment capability;
- Compact overall structure to increase port density; Normalized design of the whole machine components
- Control channels, business channels, and monitoring channels are completely separated to ensure the smooth flow of control channels and monitoring channels; carrier-class high reliability and manageability

- The system adopts module-level shielding, which fully meets the EMC (ElectroMagnetic Compatibility) requirements; single boards, power modules, and fans support hot-plugging;

Innovative U-shaped air duct design to improve the cooling capacity of the system

- District power supply to improve the power supply capacity of a single frame; Use 200mm fan design, add fan filter box, support NEBS, and ETSI; The main control board SRU (Switch Router Unit) adopts 1: 1 redundant backup

- Switch fabric SFU load-sharing redundant backup; Power supply, fan, clock, management bus, and other key components achieve redundant backup.

- Provide single-board protection against MIS insertion to avoid failure due to incorrect slot insertion.

- Provide voltage and ambient temperature alarm prompt information, alarm indication, running status and alarm status query.

The Front Panel:

The Accessories for ME60-X8

Huawei ME60-X8 Router Product Ordering Info

Type	Description
ME60-X8 basic configuration	ME60-X8 integrated chassis components (including four DC power supplies)
	Routing Switch Board A5
	Routing Switch Board A7
	100Gbps Switching Network Unit D (SFUI-100-D)
	200Gbps Switching Network Unit C (SFUI-200-C)
Software	ME60 basic software (4K users), V600R008
	MultiserviceEngine60 Rn to R (n + 1) software version fee
	ME60 DSG Function License
	ME60 LNS & LTS Function License

ME60 cross-machine high reliability function license	
IP Performance Measurement License (IP FPM)	
ME60 Ethernet Performance Detection License	
ME60 concurrent user license (1k users)	
ME60 IPSec Board Function License VSUI-20-A	
ME60 2M NAT Session License	
ME60 VSU Series Board DS-Lite Function License	
ME60 VSU Series Board NAT64 Function License	
ME60 VSU Series Single Board PCP Function License	
ME60 VSU series single board 20G license	

Get more information:

Do you have any question about the ME60-X8 02352021?

Contact us now via e-mail: info@hi-network.com

Specific Data Sheet:

Model	ME60-X8
Part Number	02352021
Switching Capacity	7.08 Tbit/s
Forwarding Performance	2,880 Mpps
Number of Slots	11 slots, including 8 LPUs, 2 SRUs, and 1 SFU
Dimensions (H x W x D) mm	620 x 442 x 650 (14U)
Maximum Power Consumption	2,340W (BSUF-100)
	3,220W (BSUF-240)
Full Configuration Weight	136 kg
Interface Types	100 GE-WAN/LAN 10 GE-WAN/LAN GE/FE
BRAS	User access protocols: PPPoE, IPoE, 802.1X, and ND access User authentication protocols: PAP, CHAP, MSCHAP, RADIUS, and HWTACACS User billing protocols: RADIUS, HWTACACS, and COPS User authorization protocols: RADIUS, HWTACACS, COPS, and COA
QoS	Provides a well-designed HQoS mechanism Provides advanced scheduling and congestion avoidance technologies, accurate traffic policing and shaping, and complex rule definition and fine-grained flow identification Supports MPLS HQoS and ensures QoS for MPLS VPN, VLL, and PWE3 services Supports DiffServ- and MPLS TE-based DS-TE, eight class types (CTs), and TE-tunnel-based QoS Supports a maximum of 768K flow queues per slot

Value-added Services	Supports Destination Address Accounting (DAA), which helps carriers identify services based on destination network segments and perform separate accounting for different services on IP carrier networks Supports Enhanced Dynamic Service Gateway (EDSG), which identifies various user services based on traffic destination addresses and implements independent rate limit, accounting, and management for each service

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