



**光语**  
GLORY

# NetEngine 40E-X8A-G Series Router

**Datasheet**



## ■ Product Overview

The NetEngine 40E-X8A-G high-end full-service router based on 2T hardware platform design, large capacity 2T routing line card, mature wide area SDN scheme, programmable NP chip and VRP software platform, with high performance, low power consumption, can be evolved and other characteristics, leading SRv6 technology to achieve intelligent network connection, It can be applied to enterprise WAN core nodes, large enterprise access nodes, campus interconnection and convergence nodes, and various large-scale IDC network exits.

The NetEngine40E-X8A-G product technology leadership, stable performance, many times won the international gold medal, widely deployed in electric power, transportation, government, radio and television, finance and other industries.



## ■ ■ Technical Specification

Parameters	NetEngine 40E-X8A-G
Swap Capacity	168.8Tbps
Forwarding Performance	38,400Mpps
Slot Bandwidth	2Tbps
Volume Density (G/U)	762
Slots of the Main Control Board	2
Sfu Slots	4/3
Switching Architecture	3+1 backup
Handle Board Slots	8
Sub-card Slots	Max. 32
Overall Dimensions (W × D × H)	442mm × 650mm × 930mm (21U)

## ■ ■ Full Range of NE40E - G Models

Model	NetEngine AR-G Series (Headquarters/Large)
NetEngine 40E-X16A-G	NE40E-X16A-G Basic configuration (including NE40E-X16A-G chassis/dual master control/four 1T switching network/Eight AC & HVDC power supplies/six fan frames, excluding software costs and documents)
NetEngine 40E-X8A-G	NE40E-X8A-G Basic configuration (including NE40E-X8A-G chassis/Dual main control/two 480G switching networks/Four AC & HVDC power supplies/two fan frames, excluding software costs and documents)
NetEngine 40E-X3A-G	Basic configuration of NE40E-X3A-G (including NE40E-X3A-G chassis/dual master control/dual AC power supply, excluding software costs and data)



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