



# NetEngine 8000 M6 Service Router



## Overview

NetEngine 8000 M6 is a all-scenario converged bearer router for the cloud era. It's featured with 2U height, 220mm depth, supports up to 160G port capacity and 6 service slots, flexibly adapts to different services, and supports 50GE/25GE/10GE/GE/FE/CPOS/E1 interfaces. The compact design saves precious space resource, greatly reduces Capex, and protects the existing investment. Wide-temperature design enables it to be deployed in all scenarios. It also supports features such as SRv6, EVPN, network slicing, and 1588v2 high-precision clock which make it the best choice for multi-service convergence in the cloud era.

### NetEngine 8000 M6 Service Router



NetEngine 8000 M6 DC



NetEngine 8000 M6 AC

## Product Features

Table 2-1 lists the features of Huawei NetEngine8000 M6 router.

### Features of Huawei NetEngine8000 M6 Router

Features	Description
Interfaces	50GE:2; 10GE:16; GE:100
L2	IEEE802.1q, IEEE802.1p, IEEE 802.3ad, IEEE 802.1ab, STP/RSTP/MSTP
L3	OSPF、RIP、IS-IS、BGP、ACL、IPv4、6VPE、ARP、VLANIF、VxLAN
MPLS	LDP, RSVP-TE, L2VPN, L3VPN, and seamless MPLS
SR/EVPN	SR/SRv6, EVPN L3VPN, EVPN VPWS, EVPN VPLS, EVPN over SRv6
Multicast	IGMP、Static Multicast Routing、PIM-SM/SSM、MBGP、NGMVPN
QoS	3 level H-QoS
ISIS	512K
OSPF	512K
IPv4 FIB	512K
IPv6 FIB	64K
ACL	2048
Reliability	IP FRR, LDP FRR, TE FRR, VPN FRR, BGP FRR, mLDP FRR

# Product Specifications

Item	NetEngine 8000 M6
Dimensions without packaging (H x W x D)	88.9 mm x 442 mm x 220 mm (3.50 in. x 17.4 in. x 8.66 in.)
Chassis height	2 U
Number of slots	DC: 11 AC: 9
Number of service board slots	DC: 6 AC: 4
Weight without packaging (full configuration)	DC: 10.65kg(23.48 lb) AC: 11.35kg(25.02 lb)
Typical power consumption	DC Typical configuration 1: 2*CR8DCXP160C0+1*FAN+2*DC power+2*CR8D00L4XFC0 + 2*CR8D00EAGFC0 =196.1 W DC Typical configuration 2: 2*CR8DCXP160C0+1*FAN+2*DC power+2*CR8D00E1VBC0+1*CR8D00L4XFC0 + 1*CR8D00EAGFC0 =205.8 W AC Typical configuration 1: 2*CR8DCXP160C0+1*FAN+2*AC power+2*CR8D00L4XFC0 + 2*CR8D00EAGFC0 =209.68 W AC Typical configuration 2: 2*CR8DCXP160C0+1*FAN+2*AC power+2*CR8D00E1VBC0+1*CR8D00L4XFC0 + 1*CR8D00EAGFC0 =222.07 W
Typical heat dissipation	DC Typical configuration 1: 2*CR8DCXP160C0+1*FAN+2*DC power+2*CR8D00L4XFC0 + 2*CR8D00EAGFC0 =623.09 BTU/hr DC Typical configuration 2: 2*CR8DCXP160C0+1*FAN+2*DC power+2*CR8D00E1VBC0+1*CR8D00L4XFC0 + 1*CR8D00EAGFC0 =654.6 BTU/hr AC Typical configuration 1: 2*CR8DCXP160C0+1*FAN+2*AC power+2*CR8D00L4XFC0 + 2*CR8D00EAGFC0 =666.28 BTU/hr AC Typical configuration 2: 2*CR8DCXP160C0+1*FAN+2*AC power+2*CR8D00E1VBC0+1*CR8D00L4XFC0 + 1*CR8D00EAGFC0 =699.97 BTU/hr
DC input voltage	Rated input voltage: -40V /-60V Input voltage range: -40 V to -72 V
AC input voltage	Rated input voltage: 200V to 240V/100V to 127V dual live wires, support 240V HVDC Input voltage range: 90V to 290 V
MTBF	DC: 118.92 years AC: 92.02 years
MTTR	0.5 hour
Availability	DC: 0.99999952 AC: 0.99999938
Redundant fans	1+1. Short-term running when a single fan becomes invalid at the ambient temperature of 40°C(104°F) (one fan module contains two fans)
Redundant power supply	1+1
Switching capacity	320G bit/s (Bidirectional)

Item	NetEngine 8000 M6
Forwarding performance	72M pps
Long-term operating temperature	DC: -40°C to 65°C (-40°F to 149°F), start: ≥-20°C (-4°F) AC: -20°C to 55°C (-4°F to 131°F)
Short-term operating temperature	N/A
Storage temperature	-40 °C to 70 °C (-40°F to 158°F)
Long-term operating relative humidity	5% to 85%, non-condensing
Short-term operating relative humidity	5% to 95% RH, non-condensing
Storage relative humidity	5% to 95% RH, non-condensing
Long-term operating altitude	≤ 4000 m (13123.2 ft.) (For the altitude in the range of 1800 m to 4000 m [5905.44 ft. to 13123.2 ft.], the operating temperature of the device must decrease by 1°C [33.8°F] for every 220 m [721.78 ft.]
Storage altitude	Lower than 5000 meters [16404 ft.]
Regulatory compliance	<p><b>EMC</b></p> <ul style="list-style-type: none"> <li>• ANSI C63.4</li> <li>• AS/NZS CISPR 32</li> <li>• CISPR 24</li> <li>• CISPR 32</li> <li>• EN 55024</li> <li>• EN 55032</li> <li>• ETSI EN 300 386</li> <li>• FCC CFR47 Part 15 Subpart B</li> <li>• ICES-003 Issue 6</li> <li>• ICES-GEN Issue 1</li> <li>• IEC 61000-3-2</li> <li>• IEC 61000-3-3</li> <li>• IEC 61000-4-11</li> <li>• IEC 61000-4-2</li> <li>• IEC 61000-4-29</li> <li>• IEC 61000-4-3</li> <li>• IEC 61000-4-4</li> <li>• IEC 61000-4-5</li> <li>• IEC 61000-4-6</li> <li>• IEC 61000-6-2</li> <li>• IEC 61000-6-4</li> <li>• VCCI-CISPR 32</li> </ul> <p><b>Environment</b></p> <ul style="list-style-type: none"> <li>• ETSI EN 300 019-1-1</li> <li>• ETSI EN 300 019-1-2</li> <li>• ETSI EN 300 019-1-3</li> <li>• ETSI EN 300 753</li> </ul>

Item	NetEngine 8000 M6
	<ul style="list-style-type: none"> <li>• ETSI EN 300 019-2-1</li> <li>• ETSI EN 300 019-2-2</li> <li>• ETSI EN 300 019-2-3</li> <li>• IEC 60068-2-1</li> <li>• IEC 60068-2-2</li> <li>• IEC 60068-2-14</li> <li>• IEC 60068-2-27</li> <li>• IEC 60068-2-30</li> <li>• IEC 60068-2-31</li> <li>• GB/T 2423.26 -2008</li> <li>• IEC 60068-2-39</li> <li>• IEC 60068-2-64</li> <li>• ISTA 2A</li> <li>• ISO 7779</li> </ul> <p><b>Safety</b></p> <ul style="list-style-type: none"> <li>• IEC/EN/UL/CSA 60950-1</li> <li>• IEC/EN 62368-1</li> </ul> <p><b>Environmental protection</b></p> <ul style="list-style-type: none"> <li>• 2011/65/EU &amp; (EU)2015/863 (EU RoHS)</li> <li>• Regulation (EC) No.1907/2006 (REACH)</li> <li>• 2012/19/EU (WEEE)</li> <li>• 2006/66/EC &amp; 2013/56/EU on batteries and accumulators</li> </ul>

 **NOTE**

- Regarding the physical dimensions provided in the table, the width (W) does not take mounting ears into account.
- Temperature and humidity are measured at 1.5 m (4.92 ft.) above the ground and 0.4 m (1.31 ft.) in front of the cabinet. There should be no protection board on the front or back of the cabinet.
- "Short-term" refers to continuous working time that does not exceed 96 hours and an accumulated working time per year that does not exceed 15 days. If the working time exceeds either of these values, it is considered "long-term".

## Ordering Information

### Basic Hardware Configurations

NetEngine 8000 M6 Basic Configurations

BOM	Order Name	Description	Remarks
02353HHB	CR8PM6BASDC1	NetEngine 8000 M6 Basic Configuration (Includes NetEngine 8000 M6 Chassis,2*CXP-160, 2*DC Power,without Software Charge and Document)	

BOM	Order Name	Description	Remarks
02353HHG	CR8PM6BASAC1	NetEngine 8000 M6 Basic Configuration (Includes NetEngine 8000 M6 Chassis,2*CXP-160, 2*AC Power,without Software Charge and Document)	
02353HHE	CR8BM6BKPDC1	NetEngine 8000 M6 Integrated DC Chassis Components(Including 2*DC Power,Fan Box)	
02353HHF	CR8BM6BKPAC1	NetEngine 8000 M6 Integrated AC Chassis Components(Including 2*AC Power,Fan Box)	
03033JTY	CR8DCXP160C0	System Control,Cross-connect and Multi-protocol Process Unit (CXP-160)	
03033JUB	CR8D00E1VBC0	1-port 50G Base (QSFP28) Physical Interface Card(PIC)	
03033JUC	CR8D25E2XFC0	2-port 25G (SFP28)/2 Channels 10G (SFP+) Physical Interface Card(PIC)	
03033MPJ	CR8D00L4XFC0	4-Port 10GE(SFP+)/GE(SFP) MACsec Physical Interface Card(PIC)	
03033JUD	CR8D00E2XFC0	2-port 10GE(SFP+)/GE(SFP) Physical Interface Card(PIC)	
03033MPK	CR8D00EAGFC0	10-port 100/1000Base-X-SFP MACsec Physical Interface Card(PIC)	
03033GGD	CR5D000DE1C1	16-Port E1 Physical Interface Card(PIC,75ohm/120ohm)	
03033GGF	CR5D00C4CFC1	4-Port Channelized STM-1c POS-SFP Physical Interface Card(PIC)	
03033MPL	CR8D00EEGFC0	20-Port 100/1000Base-X-CSFP/10-Port 100/1000Base-X-SFP Physical Interface Card(PIC)	

## Software Configuration

### License

BOM	Order Name	Description	Remarks
88036BAW	N1-NE8KM6F-LIC	N1-NetEngine 8000 M6 Series Foundation SW License	
88036BBA	N1-NE8KM6A-LIC	N1-NetEngine 8000 M6 Series Advanced SW License	
88036BBB	N1-N8KM6F2A-LIC	N1-NetEngine 8000 M6 Series Foundation to Advanced SW License	
88036BBC	N1-N8KM6TMSY-	N1-NetEngine 8000 M6 Series Time Synchronization	

BOM	Order Name	Description	Remarks
	LIC	Function License	
88036BBD	N1-N8KM6SRV6-LIC	N1-NetEngine 8000 M6 Series SRv6 Function License	
88036BBE	N1-N8KM6IPS-LIC	N1-NetEngine 8000 M6 Series IPSec Function License	
88036BBF	N1-N8KM6MACS-LIC	N1-NetEngine 8000 M6 Series MACSec Function License	
88036BBG	N1-N8KM6SLI-LIC	N1-NetEngine 8000 M6 Series Port Slicing Function License	
88060UFN	N1-N8KM6F-SYS1Y	N1-NetEngine 8000 M6 Series Foundation SW License SnS(1 year)	
88060UFP	N1-N8KM6A-SYS1Y	N1-NetEngine 8000 M6 Series Advanced SW License SnS(1 year)	
88060UFQ	N1-N8KM6F2A-SNS1Y	N1-NetEngine 8000 M6 Series Foundation to Advanced SW License SnS(1 year)	
88060UFR	N1-N8KM6TMSY-SYS1Y	N1-NetEngine 8000 M6 Series Time Synchronization Function License SnS(1 year)	
88060UFS	N1-N8KM6SRV6-SYS1Y	N1-NetEngine 8000 M6 Series SRv6 Function License SnS(1 year)	
88060UFT	N1-N8KM6IPS-SNS1Y	N1-NetEngine 8000 M6 Series IPSec Function License SnS(1 year)	
88060UFU	N1-N8KM6MACS-SYS1Y	N1-NetEngine 8000 M6 Series MACSec Function License SnS(1 year)	
88060UFV	N1-N8KM6SLC-SYS1Y	N1-NetEngine 8000 M6 Series Port Slicing Function License SnS(1 year)	

## Documents

### 2 Documents for NetEngine 8000 M6

BOM	Order Name	Description	Remarks
31180BNE	CR8IM68CDE00	HUAWEI NetEngine 8000 M6 Series Router Product Documentation	

## Optical/Electrical Transceivers

### 50Gbps QSFP28 Optical Transceiver

BOM Number	Order Name	Description	Remarks
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BOM Number	Order Name	Description	Remarks
02311YNR	OSL010N01	High Speed Transceiver, QSFP28, 1311nm, 50Gb/s, -4dBm, 4.2dBm, -8.8dBm, LC, SMF, 10km	
02312AXF	QSFP28-50G-1311nm-40km-SM	High Speed Transceiver, QSFP28, 1310nm, 53.125G, 1.5dBm, 8dBm, -15dBm, Stright LC, SMF, 40km	
02312MLF	QSFP28-50G-1310nm-80km-SM	High Speed Transceiver, QSFP28, 1311nm, 50G, two-fiber bidirectional, 80km	

#### 50Gbps QSFP28 BIDI Optical Transceiver

BOM Number	Order Name	Description	Remarks
02312EVV	QSFP28-50G-BIDI-10km-SM-1	BiDi Transceiver, QSFP28, 1331nm(TX)/1271nm(RX), 50G, -4.5dBm, 4.2dBm, -8.9dBm, LC, 10km	
02312EWW	QSFP28-50G-BIDI-10km-SM-2	BiDi Transceiver, QSFP28, 1271nm(TX)/1331nm(RX), 50G, -4.5dBm, 4.2dBm, -8.9dBm, LC, 10km	
02312EVX	QSFP28-50G-BIDI-40km-SM-2	BiDi Transceiver, QSFP28, 1295nm(TX)/1309nm(RX), 50G, 1.5dBm, 8dBm, -13.5dBm, LC, 40km	
02312EVY	QSFP28-50G-BIDI-40km-SM-1	BiDi Transceiver, QSFP28, 1309nm(TX)/1295nm(RX), 50G, 1.5dBm, 8dBm, -13.5dBm, LC, SMF, 40km	

#### 25Gbps SFP28 Optical Transceiver

BOM Number	Order Name	Description	Remarks
02312PDL	SFP28-25G-1310nm-10km-SM	High Speed Transceiver, SFP28, 1310nm, 25G, -7dBm, 2dBm, -11.3dBm, LC, SMF, 10km	
02312PDK	SFP28-25G-850nm-0.1km-MM	High Speed Transceiver, SFP28, 850nm, 25G, -8.4dBm, 2.4dBm, -10.3dBm, LC, MM, 0.1km	
02312TVC	SFP28-25G-BIDI-10km-SM-3	BiDi Transceiver, SFP28, 1270nm(Tx)/1330nm(Rx), 25 Gb/s, -4dBm, 2dBm, -10.3dBm, LC, 10km, -40~85degc	
02312TXG	SFP28-25G-BIDI-10km-SM-4	BiDi Transceiver, SFP28, 1330nm(Tx)/1270nm(Rx), 25 Gb/s, -4dBm, 2dBm, -10.3dBm, LC, 10km, -40~85degc	

#### 10Gbps SFP+ Optical Transceiver

BOM Number	Order Name	Description	Remarks
S4017482	OSX040N03	Optical Transceiver(SFP+, 850nm, 10Gb/s, -7.3--1dBm, -11.1dBm, LC, MM, 0.3km)	
S4017483	OSX001002	Optical Transceiver(SFP+, 1310nm, 10Gb/s, -	



BOM Number	Order Name	Description	Remarks
		8.2~-0.5dBm,-12.6dBm,LC,SM,10km)	
S4017484	OMXD30002	Optical Transceiver(SFP+,1550nm,9.95~11.1Gb/s,-4.7~4dBm,-14.1dBm,LC,SM,40km)	
02310PVU	OSX080N04	Optical Transceiver(SFP+,1550nm,9.953~10.3125Gb/s,0~4dBm,-24dBm,LC,SM,80km)	

#### 1.25/9.953/10.3125Gbps SFP+ Optical Transceiver

BOM Number	Order Name	Description	Remarks
34061042	OSX010N13	XFP SFP+ Transceiver-SFP+-1310nm-10G/1G--8.2dbm-0.5dbm-Single-mode-14.4dbm-LC-10km	

#### 1.25Gbps eSFP Optical Transceiver

BOM Number	Order Name	Description	Remarks
S4017307	OMGD50N02	Optical Transceiver(eSFP,850nm,2.125Gb/s(Multi rate),-9.5~-2.5dBm,-17dBm,LC,MM,0.5km)	
S4016067	OSG010N05	Optical transceiver(eSFP,1310nm,1.25Gb/s,-9~-3dBm,-20dBm,LC,Single Mode,10km)	
S4016954	OSG040002	Optical Transceiver(eSFP,1310nm,1.25Gb/s,-5~0dBm,-23dBm,LC,SM,40km)	
02310RAW	OSG080N01	Optical Transceiver,eSFP,1550nm,1.25Gb/s,-2~5dBm,-23dBm,LC,SM,80km	

#### 1.25Gbps eSFP BIDI Optical Transceiver

BOM Number	Order Name	Description	Remarks
34060470	SFP-GE-LX-SM1310-BIDI	Optical Transceiver,ESFP,Tx1310/Rx1490,1.25Gb/s,-3dBm,-9dBm,-19.5dBm,LC,Single Mode,10km	
34060475	SFP-GE-LX-SM1490-BIDI	Optical Transceiver,ESFP,Tx1490/Rx1310,1.25Gb/s,-3dBm,-9dBm,-19.5dBm,LC,Single Mode,10km	
34060539	OGEBIDI41	Optical Transceiver,eSFP,1310nm(Tx)/1490nm(Rx),1.25Gb/s,-2dBm,3dBm,-23dBm,LC,SM,40km	
34060540	OGEBIDI40	Optical Transceiver,eSFP,1490nm(Tx)/1310nm(Rx),1.25Gb/s,-2dBm,3dBm,-23dBm,LC,SM,40km	

#### 1.25Gbps CSFP BIDI Optical Transceiver

BOM Number	Order Name	Description	Remarks
34060525	O00CSFP25	BiDi Transceiver,CSFP,1490(Tx)/1310(Rx)nm,1.25Gb/s,-9dBm,-3dBm,-19.5dBm,LC,SM,10km	

BOM Number	Order Name	Description	Remarks
34061329	OSG010007	BiDi Transceiver,CSFP,1310(Tx)/1490(Rx)nm,1.25G b/s,-9dBm,-3dBm,-24dBm,LC,SMF,10km	
34060894	OSG040008	BiDi Transceiver,CSFP,Tx1490/Rx1310nm,1.25G,- 5dBm,0dBm,-25dBm,LC(-40~85),SM,40km	
02312WHD		BiDi Transceiver,CSFP,1490(Tx)/1310(Rx)nm,1.25G b/s,-9dBm,-3dBm,-19.5dBm,LC,SM,10km	
02312WHC		BiDi Transceiver,CSFP,1310(Tx)/1490(Rx)nm,1.25G b/s,-9dBm,-3dBm,-24dBm,LC,SMF,10km	
02312WHB		BiDi Transceiver,CSFP,Tx1490/Rx1310nm,1.25G,- 5dBm,0dBm,-25dBm,LC(-40~85),SM,40km	

#### 125M~1.25Gbps CSFP BIDI Optical Transceiver

BOM Number	Order Name	Description	Remarks
34060803	OSG010005	Integrated Optical Transmitting and Receiving Module,CSFP,Transmitting:1490nm,Receiving:1 310nm,1.25Gb/s,-9.0dBm,-3.0dBm,- 24dBm,LC,GE/FE autonegotiation	
02312WHA		Integrated Optical Transmitting and Receiving Module,CSFP,Transmitting:1490nm,Receiving:1 310nm,1.25Gb/s,-9.0dBm,-3.0dBm,- 24dBm,LC,GE/FE autonegotiation	

#### 1Gbps Electrical Transceiver

BOM Number	Order Name	Description	Remarks
02310VPT	OEGD01N02	Optical functional module,1000BASE-T -SFP RJ45Electrical Module,Auto Negotiate,100m , 40~85degC	

#### 125M~2.67Gbps eSFP DWDM Optical Transceiver

BOM Number	Order Name	Description	Remarks
34060366	eSFP-LH120- SM192.10	Optical Transceiver,eSFP,1560.61nm,125M~2.67Gbps, 0~4.0dBm,-28.0dBm,LC,120km	
34060372	eSFP-LH120- SM192.20	Optical Transceiver,eSFP,1559.79nm,125M~2.67Gbps, 0~4.0dBm,-28.0dBm,LC,120km	
34060373	eSFP-LH120- SM192.30	Optical Transceiver,eSFP,1558.98nm,125M~2.67Gbps, 0~4.0dBm,-28.0dBm,LC,120km	
34060374	eSFP-LH120- SM192.40	Optical Transceiver,eSFP,1558.17nm,125M~2.67Gbps, 0~4.0dBm,-28.0dBm,LC,120km	

BOM Number	Order Name	Description	Remarks
34060375	eSFP-LH120-SM192.50	Optical Transceiver,eSFP,1557.36nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060376	eSFP-LH120-SM192.60	Optical Transceiver,eSFP,1556.55nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060377	eSFP-LH120-SM192.70	Optical Transceiver,eSFP,1555.75nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060378	eSFP-LH120-SM192.80	Optical Transceiver,eSFP,1554.94nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060379	eSFP-LH120-SM192.90	Optical Transceiver,eSFP,1554.13nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060380	eSFP-LH120-SM193.00	Optical Transceiver,eSFP,1553.33nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060381	eSFP-LH120-SM193.10	Optical Transceiver,eSFP,1552.52nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060382	eSFP-LH120-SM193.20	Optical Transceiver,eSFP,1551.72nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060383	eSFP-LH120-SM193.30	Optical Transceiver,eSFP,1550.92nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060384	eSFP-LH120-SM193.40	Optical Transceiver,eSFP,1550.12nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060385	eSFP-LH120-SM193.50	Optical Transceiver,eSFP,1549.32nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060386	eSFP-LH120-SM193.60	Optical Transceiver,eSFP,1548.51nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060387	eSFP-LH120-SM193.70	Optical Transceiver,eSFP,1547.72nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060388	eSFP-LH120-SM193.80	Optical Transceiver,eSFP,1546.92nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060389	eSFP-LH120-SM193.90	Optical Transceiver,eSFP,1546.12nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060390	eSFP-LH120-SM194.00	Optical Transceiver,eSFP,1545.32nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	

BOM Number	Order Name	Description	Remarks
34060391	eSFP-LH120-SM194.10	Optical Transceiver,eSFP,1544.53nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060392	eSFP-LH120-SM194.20	Optical Transceiver,eSFP,1543.73nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060393	eSFP-LH120-SM194.30	Optical Transceiver,eSFP,1542.94nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060394	eSFP-LH120-SM194.40	Optical Transceiver,eSFP,1542.14nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060395	eSFP-LH120-SM194.50	Optical Transceiver,eSFP,1541.35nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060396	eSFP-LH120-SM194.60	Optical Transceiver,eSFP,1540.56nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060397	eSFP-LH120-SM194.70	Optical Transceiver,eSFP,1539.77nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060398	eSFP-LH120-SM194.80	Optical Transceiver,eSFP,1538.98nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060399	eSFP-LH120-SM194.90	Optical Transceiver,eSFP,1538.19nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060400	eSFP-LH120-SM195.00	Optical Transceiver,eSFP,1537.40nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060401	eSFP-LH120-SM195.10	Optical Transceiver,eSFP,1536.61nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060402	eSFP-LH120-SM195.20	Optical Transceiver,eSFP,1535.82nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060403	eSFP-LH120-SM195.30	Optical Transceiver,eSFP,1535.04nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060404	eSFP-LH120-SM195.40	Optical Transceiver,eSFP,1534.25nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060405	eSFP-LH120-SM195.50	Optical Transceiver,eSFP,1533.47nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060406	eSFP-LH120-SM195.60	Optical Transceiver,eSFP,1532.68nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	

BOM Number	Order Name	Description	Remarks
34060407	eSFP-LH120-SM195.70	Optical Transceiver,eSFP,1531.90nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060408	eSFP-LH120-SM195.80	Optical Transceiver,eSFP,1531.12nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060409	eSFP-LH120-SM195.90	Optical Transceiver,eSFP,1530.33nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	
34060410	eSFP-LH120-SM196.00	Optical Transceiver,eSFP,1529.55nm,125M~2.67Gbps,0~-4.0dBm,-28.0dBm,LC,120km	

#### 155Mbps eSFP Optical Transceiver

BOM Number	Order Name	Description	Remarks
S4015731	SFP-FE-SX-MM1310	Optical Transceiver(SFP,1310nm,STM1,-19dBm~-14dBm,-30dBm,Multimode,LC,2km)	
S4015755	eSFP-FE-LX-SM1310	Optical Transceiver(eSFP,1310nm,STM1,-15dBm~-8dBm,-31dBm,Singlemode,LC,15Km)	
S4015715	eSFP-FE-LH40-SM1310	Optical Transceiver(eSFP,1310nm,STM1,-5dBm~0dBm,-37dBm,Singlemode,LC,40Km)	
S4015716	eSFP-FE-LH80-SM1550	Optical Transceiver(eSFP,1550nm,STM1,-5dBm~0dBm,-37dBm,Singlemode,LC,80Km)	

#### 155Mbps eSFP BIDI Optical Transceiver

BOM Number	Order Name	Description	Remarks
02310QNG	OSC015B01	Optical transceiver,eSFP,Tx 1310nm/Rx 1550nm,155M,-8dBm,-15dBm,-32dBm,LC/PC,SM,15km	
02310QNH	OSC015B02	Optical transceiver,eSFP,Tx 1550nm/Rx 1310nm,STM1,-8dBm,-15dBm,-32dBm,LC/PC,SM,15km	

## For More Information

For more information about the NetEngine 8000 M6 Series Routers, visit <http://e.huawei.com> or contact us in the following ways:


- Global service hotline: <http://e.huawei.com/en/service-hotline>
- Logging into the Huawei Enterprise technical support web: <http://support.huawei.com/enterprise/>
- Sending an email to the customer service mailbox: [support\\_e@huawei.com](mailto:support_e@huawei.com)

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