













Huawei Enterprise Router Portfolio






Core Routers

 <p>NE9000-20</p> <ul style="list-style-type: none"> 20 slots, 49.5U 209 Tbps, maximum 4T board MPU*2(1:1), SFU*8(7+1) Main port density: 800*100GE/800*40GE/3200*10GE/960GE 	 <p>NE9000-8</p> <ul style="list-style-type: none"> 8 slots, 23U 84 Tbps, maximum 4T board MPU*2(1:1), SFU*8(7+1) Main port density: 320*100GE/320*40GE/1280*10GE/384GE 	 <p>NE5000E-X16A</p> <ul style="list-style-type: none"> 16 LPU slots, 40U 40.96 Tbps, maximum 1T board MPU*2(1:1), SFU*4(3+1) Main port density: 256*100GE/384*40GE/768*10GE 	 <p>Multi-chassis cluster</p> <ul style="list-style-type: none"> Advanced high-speed architecture design for non-blocking switching Huawei-developed Solar chipsets with strong forwarding performance and support for smooth long-term evolution Programmable NP and elastic distributed OS to enable real intelligence, openness, and agility Carrier-class reliability: Equipment-level, network-level, and service-level reliability technologies. Comprehensive QoS mechanisms, and OAM technologies Innovative power-saving design that reduces chip and system energy consumption and offers device- or board-level heat dissipation
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Universal Service Routers

 <p>NE40E-X16A</p> <ul style="list-style-type: none"> 16 slots, 40U 81.92 Tbps, maximum 2T board MPU*2(1:1), SFU*4(3+1) Main port density: 320*100GE/320*40GE/1280*10GE 	 <p>NE40E-X16</p> <ul style="list-style-type: none"> 16 slots, 32U 12.58 Tbps, maximum 240G board MPU*2(1:1), SFU*4(3+1) Main port density: 32*100GE/96*40GE/384*10GE 	 <p>NE40E-X8A</p> <ul style="list-style-type: none"> 8 slots, 21U 51.2 Tbps, maximum 2T board MPU*2(1:1), SFU*2(3+1) Main port density: 160*100GE/160*40GE/640*10GE 	 <p>NE40E-X8</p> <ul style="list-style-type: none"> 8 slots, 14U 7.08 Tbps, maximum 240G board SRU*2(1:1), SFU*1(2+1) Main port density: 16*100GE/48*40GE/192*10GE 	 <p>NE40E-X3A</p> <ul style="list-style-type: none"> 3 slots, 6U 2.79 Tbps, maximum 200G board MPU*2(1:1) Main port density: 6*100GE/6*40GE/60*10GE 	 <p>NE40E-M2H</p> <ul style="list-style-type: none"> 2 slots, 2U 960 Gbps, maximum 100GE board MPU*1 Main port density: 2*100GE/4*50GE/2*40GE/48*10GE/68*GE 	 <p>NE40E-M2K</p> <ul style="list-style-type: none"> 2 slots, 2U 1.82 Tbps, maximum 200GE board MPU*1 Main port density: 6*100GE/4*50GE/50*10GE/60*GE 	 <p>NE40E-F1A-14H24Q</p> <ul style="list-style-type: none"> Fixed box, 1U 4Tbps MPU*1 Main port density: 20*100GE/24*25GE/20*40GE/80*10GE
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Multi-Service Control Gateways

 <p>ME60-X16A</p> <ul style="list-style-type: none"> 16 slots, 40U 50.32 Tbps, maximum 1T board MPU*2(1:1), SFU*4(3+1) Main port density: 128*100GE/768*10GE 	 <p>ME60-X16</p> <ul style="list-style-type: none"> 16 slots, 32U 12.58 Tbps, maximum 240G board MPU*2(1:1), SFU*4(3+1) Main port density: 32*100GE/384*10GE 	 <p>ME60-X8A</p> <ul style="list-style-type: none"> 8 slots, 21U 25.16 Tbps, maximum 1T board SRU*2(1:1), SFU*2(3+1) Main port density: 64*100GE/384*10GE 	 <p>ME60-X8</p> <ul style="list-style-type: none"> 8 slots, 14U 7.08 Tbps, maximum 240G board SRU*2(1:1), SFU*1(2+1) Main port density: 16*100GE/192*10GE 	 <p>ME60-X3</p> <ul style="list-style-type: none"> 3 slots, 4U(DC)/5U(AC) 1.08 Tbps, maximum 120G board MPU*2(1:1) Main port density: 3*100GE/36*10GE
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Service Aggregation Routers

 <p>NE20E-S16A</p> <ul style="list-style-type: none"> 16 slots, 8U 2 Tbps, maximum 100G board MPU*2(1:1), NSP*2(1:1) Main port density: 8*100GE/10*40GE/100*10GE/118*GE 	 <p>NE20E-S16</p> <ul style="list-style-type: none"> 16 slots, 8U 960 Gbps, maximum 100G board MPU*2(1:1), NSP*2(1:1) Main port density: 2*100GE/4*40GE/44*10GE/118*GE 	 <p>NE20E-S8A</p> <ul style="list-style-type: none"> 8 slots, 5U(DC)/6U(AC) 2 Tbps, maximum 100G board MPU*2(1:1), NSP*2(1:1) Main port density: 10*100GE/8*40GE/80*10GE/118*GE 	 <p>NE20E-S8</p> <ul style="list-style-type: none"> 8 slots, 5U(DC)/6U(AC) 960 Gbps, maximum 40G board MPU*2(1:1), NSP*2(1:1) Main port density: 8*40GE/32*10GE/118*GE 	 <p>NE20E-S4</p> <ul style="list-style-type: none"> 4 slots, 3U(DC)/4U(AC) 480 Gbps, maximum 40G board MPU*2(1:1), NSP*1 Main port density: 4*40GE/16*10GE/80*GE 	 <p>NE20E-S2F</p> <ul style="list-style-type: none"> 2 slots, 2U 320 Gbps, maximum 40G board MPU*1 Main port density: 2*40GE/16*10GE/80*GE 	 <p>NE20E-S2E</p> <ul style="list-style-type: none"> 2 slots, 2U 160 Gbps, maximum 10G board MPU*1 Main port density: 6*10GE/44*GE
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Service Access Routers







 <p>NE08E-S9</p> <ul style="list-style-type: none"> 9 slots, 3.5U 320 Gbps, maximum 40G board MPU*2(1:1) Main port density: 16*10GE/72*GE 	 <p>NE08E-S6E</p> <ul style="list-style-type: none"> 6 slots, 2U 320 Gbps, maximum 40G board MPU*2(1:1) Main port density: 16*10GE/48*GE 	 <p>NE08E-S6</p> <ul style="list-style-type: none"> 6 slots, 2U 112 Gbps, maximum 20G board MPU*2(1:1) Main port density: 8*10GE/48*GE 	 <p>NE05E-S2</p> <ul style="list-style-type: none"> 2 Slots, 1U 12 Gbps, maximum 4G board MPU*1 Main port density: 18*GE/FE 	 <p>NE05E-SQ</p> <ul style="list-style-type: none"> Fixed Box, 1U 272Gbps MPU*1 Main port density: 12*10GE/24*GE 	 <p>NE05E-SN</p> <ul style="list-style-type: none"> Fixed box, 1U 24Gbps MPU*1 Main port density: 12*GE 	 <p>NE05E-SR</p> <ul style="list-style-type: none"> Fixed box, 1U 12Gbps MPU*1 Main port density: 6*GE 	 <p>NE05E-SM</p> <ul style="list-style-type: none"> Outdoor box, IP65 8Gbps MPU*1 Main port density: 4*GE
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PTN 7900E Series

 <p>PTN 7900-32/PTN 7900E-32</p> <ul style="list-style-type: none"> 32 slots, 42U 32 Tbps, maximum 400G board Main port density: 32*200GE/128*100GE/64*50G/64*40GE/512*10GE 	 <p>PTN 7900-24/PTN 7900E-24</p> <ul style="list-style-type: none"> 24 slots, 30U 24 Tbps, maximum 400G board Main port density: 24*200GE/96*100GE/48*50G/48*40GE/384*10GE 	 <p>PTN 7900-12/PTN 7900E-12</p> <ul style="list-style-type: none"> 12 slots, 14U 12 Tbps, maximum 400G board Main port density: 12*200GE/48*100GE/24*50GE/24*40GE/192*10GE
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PTN 900 Series

 <p>PTN 910-F</p> <ul style="list-style-type: none"> Fixed box, 1U 9.23 Gbps Main port density: 4*GE(o)+8*GE(e)+8*FE(o)+16*E1 	 <p>PTN906A</p> <ul style="list-style-type: none"> IP65-rated box-shaped outdoor device 4 Gbps Main port density: 1*GE(o)+2*GE(e)+1*COMBO(GE/FE) GE(e) support for PoE
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 <p>PTN905A</p> <ul style="list-style-type: none"> Fixed box, 1U 2 Gbps Main port density: 2*COMBO(GE/FE)+4*E1 	 <p>PTN905B/906B</p> <ul style="list-style-type: none"> Fixed box, 1U 6 Gbps Main port density: 2*GE(o)+2*GE(e)+2*COMBO(GE/FE) 	 <p>PTN905E</p> <ul style="list-style-type: none"> Fixed box, 1U 6 Gbps Main port density: 2*GE(o)+2*GE(e)+2*COMBO(GE/FE)+4*E1 	 <p>PTN 960</p> <ul style="list-style-type: none"> 6 slots, 2U 160 Gbps, maximum 10G board Main port density: 5*10GE/48*GE/48*FE 	 <p>PTN 970</p> <ul style="list-style-type: none"> 6 slots, 2U 160 Gbps, maximum 40G board Main port density: 4*40GE/12*10GE/48*GE 	 <p>PTN 990</p> <ul style="list-style-type: none"> 14 slots, 5U 640 Gbps, maximum 100G board Main port density: 2*100GE/8*40GE/32*10GE
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- Complete access and aggregation capabilities for any media; outdoor device with PoE support
- Plug-and-play, remote commissioning, and rapid service provisioning
- Support for a large number of access devices with comprehensive clock synchronization
- HQoS to enable refined service management
- Network slicing to enable converged bearing and management of many services

* The 3D icon in the figure supports the 3D model of the device. Welcome to install the 3DLive+ APP to view more device details.

* Welcome to scan QR code, register with Huawei's official website, and download the softcopy of portfolio.

