Specifications[1]

Parameters	CloudEngine 6860-SAN	CloudEngine 8850-SAN
Downlink Ports[2]	24 x 10 GE SFP+/25 GE SFP28 ports or 48 x 10 GE SFP+/25 GE SFP28 ports or 48 x 50 GE SFP56 ports	32 x 40 GE QSFP+/100 GE QSFP28 ports or 32 x 200 GE QSFP56 ports
Uplink Ports[2]	8 x 100 GE QSFP28 ports or 8 x 200 GE QSFP56 ports	8 x 400 GE QSFP-DD
Switching Capacity	8 Tbit/s	19.2 Tbit/s
Forwarding Rate	2400 mpps	7200 mpps
Buffer	64 MB	42 MB
Reliability	LACP BFD for BGP, IS-IS, OSPF, static route, and VXLAN Hardware-based BFD	
O&M	1588v2 Telemetry Netstream ERSPAN+ IOAM AnyFlow Intelligent Traffic Analysis	
Data Center Features	VXLAN routing and bridging BGP EVPN M-LAG	
Intelligent and Lossless Network	AI ECN PFC Deadlock Prevention iNOF NPCC (Network-based Proactive Congestion Control) ECN Overlay iQCN (intelligent Quantized Congestion Notification)	
Maximum Power Consumption	48 x 50 GE + 8 x 200 GE: 619 W (100% traffic load, all downlink ports with 2 W 50 GE optical modules, all uplink ports with 6.5 W 200 GE optical modules, 40°C, dual power modules) 48 x 25 GE + 8 x 100 GE: 544 W (100% traffic load, all downlink ports with 1.5 W 25 GE optical modules, all uplink ports with 5 W 100 GE optical modules, 40°C, dual power modules)	32 x 200 GE + 8 x 400 GE: 1152 W (100% traffic load, all downlink ports with 2 W 50 GE optical modules, all uplink ports with 6.5 W 200 GE optical modules, 40°C, dual power modules) 32 x 100 GE + 8 x 400 GE: 973 W (100% traffic load, all downlink ports with 1.5 W 25 GE optical modules, all uplink ports with 5 W 100 GE optical modules, 40°C, dual power modules)
Power Supply	600 W AC & 240 V DC 1200 W AC & 240 V DC 1000 W –48 V DC 1200 W HVDC	1200 W AC
Operating Voltage	AC: 90–290 V HDC: 240 V (188–288 V) 380 V (188–400 V) DC: –38.4 V to –72 V	AC: 90–290 V

1 This content is applicable only to regions outside the Chinese Mainland. Huawei reserves the right to interpret this content.
2 With CE68-RTU-U24S and CE68-RTU-U8CQ hardware RTU license loaded, the CloudEngine 6860-SAN can provide 48 x 50 GE ports and 8 x 200 GE ports. By default, the CloudEngine 8850-SAN supports only 32 x 100 GE ports. To upgrade to 32 x 200 GE ports, purchase the CE88-RTU-U32CQ hardware RTU. To use 8 x 400 GE QSFPDD ports, purchase the CE88-RTU-8DQ hardware RTU.