AX6700S Series



Full-Spec Fault-Tolerant Switches That Realize "Non-Stop Networks"

The AX6700S series provides a chassis-type multilayer switch with a maximum switching capacity of more than 1 terabit, featuring improved reliability, power saving functions, and a large-capacity slot band.



Large Capacity and High Performance

- High performance triple play environment
- O Provides high packet forwarding performance even for short packets, and operation stability in a multimedia environment. Large-capacity design

O Provides a scalable large-capacity slot band with an architecture in which the control unit and the switching unit are installed as an independent module, and achieves high availability by localizing a failure range.

Network Virtualization (Network Partition)

- Simple, low-cost network virtualization
- O Capable of network integration and separation while maintaining security and independence by logically dividing a network composed of VRF (virtual routing and forwarding) and VLANs (virtual LANs) into VPNs (virtual private networks).
- Flexible network operation

O Capable of allocating an independent IP address space for each partition, allowing for flexible network configuration without concern about address overlaps.

High Reliability and High Availability

Highly stable operation with fault-tolerant technology O Ensures simple, dynamic redundancy with architectures featuring a highest level of device availability, together with GSRP and Graceful Restarts. Provides "nonstop" high-speed hardware-based switching operation in 50 milliseconds (shortest time).

Advanced Security

- Authentication/quarantine solutions
- O Supports triple authentication (IEEE 802.1X/Web/MAC). Combined with authentication/quarantine servers, achieves quarantine solution in which only PCs that have passed quarantine checks are allowed to access a network.

Green IT

Power-saving design

O Reduces the number of ASICs used per device with a centralized packet forwarding architecture, reducing power consumption.

Dynamic power saving

O Supports the dynamic power saving function that enables operation scheduling on a basis of year/date/time, to reduce power consumption during a time of low network usage (e.g., nighttime or holidays) by switching the operation mode of each unit without interruption.

Cost-Effective System Configuration

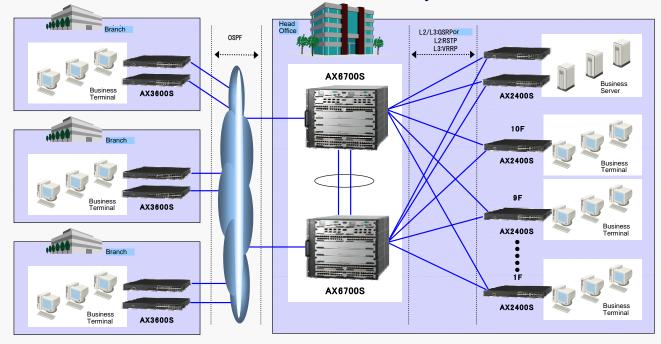
- High port density accommodation
- O Reduces a per-port price with the high port density accommodation of 1-gigabit and 10-gigabit lines with switching capacity of up to 1.15 Tbps. • 10 G Ethernet: accommodates up to 64 ports.
 - 1 G Ethernet: accommodates up to 192 ports.

Lower Operation Management Costs

- Simplified network configuration/operation with OAN O Enables automatic operation in cooperation with security checks, and reduces the cost of operation management with ALAXALA proprietary OAN (open autonomic networking) concept.
- Simplified maintenance OSimplifies and reduces the time for maintenance with command-free maintenance to easily back up configurations and collect information on faults.

AX6700S Application Example

·····Core Switch for an External Information System ······



AX6700S Product Specifications

ID:100/1002/INDERET 192 Routing protocol IPv4 Unicast Static, RIP, RIPv2, OSFF, BGP4, policy routing, stub router (OSFF) IPv6 Unicast PIM-SM, PIM-SSM, IGMPv2/v3 PIM-SM, PIM-SSM, IGMPv2/v3 IPv6 Unicast PIM-SM, PIM-SSM, IGMPv2/v3 PIM-SM, PIM-SSM, IGMPv2/v3 Layer 2 functions Spanning tree protocol (STP) STP (IEEE 802.10), RSTP (IEEE 802.10), PIN-SM, IDV1/v2/snooping Ring Protocol Ring protocol SSTP (IEEE 802.10), RSTP (IEEE 802.10), PIN-SSM, IDV1/v2/snooping Ring Protocol SSTP (IEEE 802.10), PIN-SSM, IDV1/v2/snooping Ring protocol ISTP (IEEE 802.10), RSTP (IEEE 802.10), PIN-SSM, IDV1/v2/snooping Ring Protocol Autonomous Extensible Ring Protocol QoS Security functions IEEE 802.1X automication (PM-V2/v3anoping (UPV), PIN-PN, VIAN-Web automication, IMAC VAM-based VAM mode) QoS	Model			AX6708S	
Maximum Maximum packet forwarding performance 720Mons ⁻¹ Port count 100BASE-R XFP(SK1/K2F2/R) 64 Port count 10/100/100BASE-X SFP(SK/SX2/L7/R) 192 10/100/100BASE-X 1/XB/XH/1HB) 192 Port count Unicast Static, RIP, RIP-2, OSPF, BGP4, policy routing, stub router (OSPF) Routing protocol Pv4 Unicast PIM-SM, PIM-SSM, IGMPv2/v3 Routing protocol Unicast Static, RIP, OSPF, 3B, GP4+, policy routing, stub router (OSPF) Layer 2 functions Spanning tree protocol (STP) STP (IEEE 802.1D), RSTP (IEEE 802.10), Protocol VLAN, MAC VLAN, Tag translatio Layer 3 cooperation functions IGMPv2/v3anooping, MLDv1/v2anoping PPU guad Layer 3 cooperation functions IGMPv2/v3anooping, MLDv1/v2anoping PPU guad Ring protocol EEE 802.1X authentication (VAH-based authentication, MAC VEAN, Tag translatio GoC GoS Flow detection (12/PV4/PV4/Pv6/1.4), Bandwith motoring (UPC), making (0SCP/User priority), discarding control (Lail drop), Shaping, Diff-serv, Hierarchical Shaper Layer 3 cooperation functions Vetwork functions Static power saving functions SNMV1/v2/v3 (agent function), MB II, PV4/Pv6/0, MRO, VARP) Dolling (Pv4		Maximum switching capacity		1.15Tbps ^{#1}	
IOGBASE-R XFP(SR/LR/ER/ZR) 64 Port count I000BASE-X XFP(SR/LR/ER/ZR) 192 I000BASE-X YFX/LR/LH/LHB) 192 Routing protocol Unicast Static, RIP, RIP-Z, OSPF, BGP4, policy routing, stub router (OSPF) Routing protocol IPv4 Unicast Static, RIP, RIP-X3, BGP4, policy routing, stub router (OSPF-3) Routing protocol IPv6 Unicast Static, RIP, RIP-X3, BGP4, policy routing, stub router (OSPF-3) Ring protocol IPv6 Unicast Port VLAN, Tag VLAN (TEEE 802.10), protocol VLAN, MAC VLAN, Tag translatic routing routing and rege port. ro Ager 2 functions Spanning tree protocol (STP) STP (IEEE 802.10), RSTP (IEEE 802.10), Protocol VLAN, MAC VLAN, Tag translatic routing ro	Performance			720Mpps ^{#1}	
U00BASE=X I X / X / X / X / H / L HB) 192 10/100/100BASE=T 10/10/100BASE=T 192 Routing protocol IPv4 Unicast Static, RIP, RIPv2, OSPF, BGP4, policy routing, stub router (OSPF) IPv6 Unicast Static, RIP, RIPv2, OSPF, BGP4, policy routing, stub router (OSPF) IPv6 Unicast Static, RIPn, OSPFv3, BGP4, policy routing, stub router (OSPFv3) IPv6 Unicast Port VLAN, Tag-VLAN (IEEE 802.10), protocol VLAN, MAC VLAN, Tag translatio Spanning tree protocol (STP) STP (IEEE 802.10), RSTP (IEEE 802.10), PVST+, MSTP (IEEE 802.10), loop guard, edge port, n Laver 3 cooperation functions IGMPv2/V38nooping, MLDV1/v28nooping Ring protocol Kerring functions IGMPv2/V38nooping, MLDV1/v28nooping GoS Flow detection (L2./IPv4/IPv6/L4), bandwidth monitoring (UPC), marking (DSCP/user priority), discarding control (Laid rop), Shaping, Diff-serv, Hierarchical Shaper Vetwork functions Load balance (IPv4/IPv6), VRP(IPv4/IPv6), high-speed route switching function, Retwork (ILee B02.30), jumb forme, GSRP (L2/IPv4/IPv6), high-speed route switching function, Retwork (ILee B02.30), jumb forme, GSRP (L2/IPv4/IPv6), high-speed route switching function, Retwork (ILee B02.30), jumb forme, GSRP (L2/IPv4/IPv6), high-speed route switching function, Retwork (ILee B02.30), jump forme, GSRP (L2/IPv4/IPv6), high-speed route switch (Integrageatin (IEEE 802.30), jumb forme	Port count	10GBASE-R	XFP(SR/LR/ER/ZR)		
Bit Put Unicast Static, RIP, RIP-2, OSPF, BGP4, policy routing, stub router (OSPF) Routing protocol IPv6 Unicast Piness, Mit MPV2, V3 IPv6 Unicast Static, RIP, RIP-2, OSPF-3, BGP4, policy routing, stub router (OSPF/3) Layer 2 functions VLAN Port VLAN, Tag-VLAN (IEEE 802.10), protocol VLAN, MAC VLAN, Tag translatio Spanning tree protocol (STP) STP (IEEE 802.10), RSTP (IEEE 802.10), Portocol VLAN, MAC VLAN, Tag translatio Layer 3 cooperation functions IGMPQ-Z/v3enooping, MLDV1/v2snooping Ring protocol Ring protocol Gos FleEE 802.11X, authentication (port-based authentication, MAC vLAN marking (DSCP/ user priority), discarding control (tail drop), Shaping, Diff-serv, Hierarchical Shaper Load balance (IPV4/IPV6), VRRP(IPV4/IPV6), VRRP (IPV4/IPV6), VRRP poling (IPV4/IPV6), VRRP polin		1000BASE-X		1	92
Pode Multicast PIM-SM. PIM-SSM. IGMPv2/v3 Routing protocol Pv6 Unicast Static, RIPng, OSPFv3, BGP4+, policy routing, stub router (OSPFv3) Layer 2 functions VLAN Port VLAN, Tag-VLAN (IEEE 802.10), protocol VLAN, MAC VLAN, Tag translation Spanning tree protocol (STP) STP (IEEE 802.10), RSTP (IEEE 802.10), PV5+, MSTP (IEEE 802.10), loop guard, edge port, re BPDU guard Layer 3 cooperation functions IGMPv2/v38nooping, MLDv1/v2snooping Ring protocol Security functions Autonomous Extensible Ring Protocol Security functions IEEE 802.1X authentication (port-based authentication (MAC-based authentication, MAC V authentication (MAC V Authend)) Vettwork functions		10/100/1000BASE-T		192	
Noting protocol IMulticast PM IPv6 Unicast Static, RIPng, OSPFv3, BGP4+, policy routing, stub router (OSPFv3) PIM-SM, PIM-SSM, MLDv1/v2 Layer 2 functions VLAN Port VLAN, Tag-VLAN (TEEE 802.10), protocol VLAN, MAC VLAN, Tag translatio Spanning tree protocol (STP) STP (IEEE 802.10), RSTP (IEEE 802.10), PVST+, MSTP (IEEE 802.10), protocol VLAN, MAC VLAN, Tag translatio BPDU guard Layer 3 cooperation functions IGMPv2/v3snooping, MLDv1/v2snooping Ring protocol IEEE 802.10, RSTP (IEEE 802.10), PVST+, MSTP (IEEE 802.10), ICEVF+, MSTP (IEEE 802.10), PVST+, MSTP (IEEE 802.10), ICEVF+, MSTP (IEEE	Routing protocol	ID 4	Unicast	Static, RIP, RIPv2, OSPF, BGP4, policy routing, stub router (OSPF)	
IPv6 Unicast Static, RIPAg, OSPV3, BCP44, policy routing, stub router (OSPFV3) Auger 2 functions VLAN Port VLAN, Tag-VLAN (IEEE 802.10), protocol VLAN, MAC VLAN, Tag translatio Auger 2 functions Spanning tree protocol (STP) STP (IEEE 802.10), RSTP (IEEE 802.1w), PVST+, MSTP (IEEE 802.1s), loop guard, edge port, re BPDU guard Layer 3 cooperation functions IGMPv2/v3snooping, MLDv1/v2snooping Ring protocol Security functions Autonomous Extensible Ring Protocol GoS Security functions IEEE 802.13 authentication (Ipvt-based authentication/MAC-based authentication, filer (L2/Pv4/IPv6, L4), bandwidth monitoring (UPC), marking (DSCP/user priority), discarding control (tail drop), Shaping, UPV6, L4), bandwidth monitoring (UPC), marking (DSCP/user priority), discarding control (tail drop), Shaping, UPV6, Shattic poling (IPv4/IPv6), NRTP Poling (IPv4/IPv6), taiter authentication, Rev (L2/IPv4/IPv6), high-speed route switchin Graeful Restar functions (BCP4, BCP4+, OSPF, OSPFV3), uPF (loose/strict), storm control, IEEE GSPE, OSPFV3), uPF (loose/strict), storm control, IEEE GSPE, OSPFV3), uPF (loose/strict), storm control, IEEE GSPE avae extended function, high-speed system switching function, envectored SPM aware extended function, high-speed system switching function, network (IL2/IPv4/IPv6), static power system switching function, network (IPV4/IPv6), static power system switching function, network (IPV4/IPv6), IPV4/IPv6), IPV4/IPV6), IPV4/IPV6), IPV4/IPV6), IPV4/IPV6), IPV4/IPV6), IPV4/IPV6), SINPP (IPV4/IPV6), SINPP (IPV4/IPV6		11-14	Multicast	PIM-SM, PIM-SSM, IGMPv2/v3	
Instrument PIM-SM. PIM-SSM. MLDy1/v2 Layer 2 functions VLN Port VLAN, Tag-VLAN (IEEE 802.10), Protocol VLAN, MAC VLAN, Tag translatio Layer 2 functions Spanning tree protocol (STP) STP (IEEE 802.1D), RSTP (IEEE 802.1D), RSTP (IEEE 802.1D), PVST+, MSTP (IEEE 802.1S), loop guard, edge port, r BPDU guard Layer 3 cooperation functions IGMPv2/V3snooping, MLDv1/v2snooping Ring protocol Autonomous Extensible Ring Protocol Becurity functions IEEE 802.11X authentication (port-based authentication/VLAN-based authentication (MAC-based authentication, MAC vLAN mode) QoS Flow detection (L2/IPv4/IPv6/L4), bAndwidth monitoring (UPC), marking (DSCP) user priority), discarding control (tail drop), Shaping, DIIF-serv, Hierarchical Shaper Network functions Load balance (IPv4/IPv6), VRRP(IPv4/IPv6), static poling (IPv4/IPv6), high-speed route switchin Graceful Restart functions (IEEE 802.30d, jumbo frame, GSRP (L2/IPv4/IPv6), high-speed route switchin Graceful Restart functions (IEEE 802.30d, jumbo frame, GSRP (L2/IPv4/IPv6), high-speed route switchin Tructions (IEEE 802.30d, jumbo frame, GSRP (L2/IPv4/IPv6), high-speed route switchin Graceful Restart functions (IEEE 802.30d, jumbo frame, GSRP (L2/IPv4/IPv6), high-speed route switchin Tructions (IEEE 802.10), MBP (Ioose, Finc), Storm control, IEEE GSRP aware extended function, high-speed system switching function, L2 loop detection, networ L2-VPN Operation management functions SIMMPv1/v2/v3 (agent function), MBI II, Pv6 MIB, RMON, syslep, ping, traceroute, SSHv1/v2 ^{FN} NTP, I		ID. 6	Unicast	Static, RIPng, OSPFv3, BGP4+, policy routing, stub router (OSPFv3)	
Spanning tree protocol (STP) STP (IEEE 802.1D), RSTP (IEEE 802.1w), PVST+, MSTP (IEEE 802.1s), loop guard, edge port, re BPDU guard Layer 3 cooperation functions IGMPv2/v3snooping, MLDv1/v2snooping Ring protocol Autonomous Extensible Ring Protocol Security functions IEEE 802.1X authentication (port-based authentication/MAC-based authentication/M		IPV0	Multicast	PIM-SM, PIM-SSM, MLDv1/v2	
Spanning tree protocol (STP) BPDU guard Layer 3 cooperation functions IGMPv2/v3snoping, MLDv1/v2snoping Ring protocol Autonomous Extensible Ring Protocol Ring protocol Autonomous Extensible Ring Protocol Security functions IEEE 802.1X authentication (port-based authentication/MAC-based Authent	Layer 2 functions	VLAN		Port VLAN, Tag-VLAN (IEEE 802.1Q), protocol VLAN, MAC VLAN, Tag translation	
Ring protocol Autonomous Extensible Ring Protocol Ring protocol Autonomous Extensible Ring Protocol Security functions IEEE 802.1X authentication (port-based authentication/MAC-based authentication/MAC-based/Based/Based/Based		Spanning tree protocol (STP)		STP (IEEE 802.1D), RSTP (IEEE 802.1w), PVST+, MSTP (IEEE 802.1s), loop guard, edge port, route guard, BPDU guard	
Security functions IEEE 802.1X authentication (port-based authentication/VLAN-based authentication/MAC-based authentication, MAC V authentication VLAN, Web authentication, filter (12/IPv4/IPv6/L4), MAC authentication (fixed VLAN mode) Network functions QoS Flow detection (L2/IPv4/IPv6/L4), bandwidth monitoring (UPC), marking (DSCP/user priority), discarding control (tail drop), Shaping, Diff-serv, Hierarchical Shaper Network functions Load balance (IPv4/IPv6), VRRP(IPv4/IPv6), tatic polling (IPv4/IPv6), VRRP polling (IPv4/IEEE 802.3ad), jumbo frame, GSRP (L2/IPv4/IPv6), high-speed route switchin Graceful Restart functions (BGP4, BGP4+, OSPF, OSPFv3), uRPF (loose/strict), storm control, IEEE GSRP aware extended function, high-speed system switching function, L2 loop detection, network functions Operation management functions SNMPv1/v2/v3 (agent function), MIB II, IPv6 MIB, RMON, sysleg, ping, traceroute, SSHv1/v2 ^{2/X} NTP, IPv4 DHCP relay, IPv4 DHCP server, Prefix Delegation, RADIUS (IPv4/IPv6), sFlow, port TACACS+, ON-API, AX-Config-Master Power saving functions Power control of BCU/BSU (reboot nequired), NIF/port power supply OFF Power saving functions Power control of BCU/BSU (reboot nequired), NIF/port power supply OFF, schedulin Redundancy Input voltage AC100 to 120V/200 to 240V DC-48V Maximum input current (A) 40@100VAC 79@-48VDC 79@-48VDC Againum caloric value (kJ/h) 13,500 0uter dimensions W x D x H (mm) 443 x 544 x 395 (9U)		Layer 3 cooperation functions		IGMPv2/v3snooping, MLDv1/v2snooping	
Security functions authentication VLAN, Web authentication, filter (L2/IPv4/IPv8/L4), MAC authentication (fixed VLAN mode) QoS Flow detection (L2/IPv4/IPv8/L4), bandwidth monitoring (UPC), marking (DSCP/user priority), discarding control (tail drop), Shaping, Diff-serv, Hierarchical Shaper Network functions Reliability/operability improvement functions Load balance (IPv4/IPv6), VRRP(IPv4/IPv6), bigh-speed route switchin Graceful Restart functions (BGP4, BGP4+, OSPF, OSPFv3), uRPF (loose/strict), storm control, IEEE 6023ad), jumbo frame, GSRP (L2/IPv4/IPv6), bigh-speed route switchin Graceful Restart functions (BGP4, BGP4+, OSPF, OSPFv3), uRPF (loose/strict), storm control, IEEE 6023ad), jumbo frame, GSRP (L2/IPv4/IPv6), bigh-speed route switchin Graceful Restart functions (BGP4, BGP4+, OSPF, OSPFv3), uRPF (loose/strict), storm control, IEEE 6023ad), jumbo frame, GSRP (L2/IPv4/IPv6), bigh-speed route switchin Graceful Restart functions (BGP4, BGP4+, OSPF, OSPFv3), uRPF (loose/strict), storm control, IEEE 6023ad), jumbo frame, GSRP (L2/IPv4/IPv6), bigh-speed route switchin Graceful Restart functions (BGP4, BGP4+, OSPF, OSPFv3), uRPF (loose/strict), storm control, IEEE 6023ad), jumbo frame, GSRP (L2/IPv4/IPv6), bigh-speed route switchin Graceful Restart functions, IIEE 6023ad), jumbo frame, GSRP (L2/IPv4/IPv6), bigh-speed route switchin, TV2/V3 (agent function), MIB II, IPv6 MIB, MON, syslog, ping, traceroute, SSHv1/v2 ^{#4} Operation management functions SNMPv1/v2/v3 (agent function), MIB II, IPv6 MIB, RMON, syslog, ping, traceroute, SSHv1/v2 ^{#4} Power saving functions Power control of BCU/BSU/NIF (rebot required), NIF/port power supply OFF Power saving functions Power control of BCU/BSU (Pasic Cont		Ring protocol		Autonomous Extensible Ring Protocol	
Udos discarding control (tail drop), Shaping, Diff-serv, Hierarchical Shaper Network functions idiscarding control (tail drop), Shaping, Diff-serv, Hierarchical Shaper Network functions Reliability/operability improvement functions Load balance (IPv4/IPv6), VRRP(IPv4/IPv6), static polling (IPv4/IPv6), high-speed routs switchin Graceful Restart functions (BGP4, BGP4, OSPF, OSPF,V3), URPF (boos-strict), storm control, IEEE GSRP aware extended function, high-speed system switching function, L2 loop detection, network L2-VPN VLAN tunneling SNMPv1/v2/v3 (agent function), MIB II, IPv6 MIB, RMON, syslog, ping, traceroute, SSHv1/v2 ^{#4} NTP, IPv4 DHCP relay, IPv4 DHCP server, Prefix Delegation, RADIUS (IPv4/IPv6), sFlow, port TACACS+, ON-API, AX-Config-Master Power saving functions Power control of BCU/BSU (reboot not required), NIF/port power supply OFF Dynamic power saving functions Redundancy Input voltage BCU (Basic Control Unit), BSU (Basic Switching Unit), Power Supply Equipment conditions Input voltage AC100 to 1200/200 to 240V DC-48V Maximum power consumption (W) 3.750 Satis action and action a	Network functions	Security functions		IEEE 802.1X authentication (port-based authentication/VLAN-based authentication/MAC-based authentication, MAC VLAN cooperation authentication VLAN, Web authentication, filter (L2/IPv4/IPv6/L4), MAC authentication (fixed VLAN mode)	
Reliability/operability improvement functions Reliability/operability improvement functions Load palance (UPV/IPV0), VRRP (UPV/IPV0), VRRP (Ioose/strict), storm control, IEEE GSRP aware extended function, high-speed system switching function, L2 loop detection, network VLAN tunneling Operation management functions SNMPv1/v2/v3 (agent function), MIB II, IPv6 MIB, RMON, sysleg, ping, traceroute, SSHv1/v2 ^{#4} NTP, IPv4 DHCP relay, IPv4 DHCP server, Prefix Delegation, RADIUS (IPv4/IPv6), structure, SSHv1/v2 ^{#4} NTP, IPv4 DHCP relay, IPv4 DHCP server, Prefix Delegation, RADIUS (IPv4/IPv6), sFlow, port TACACS+, ON-API, AX-Config-Master Power saving functions Static power saving functions Power control of BCU/BSU/NIF (reboot required), NIF/port power supply OFF Dynamic power saving functions Redundancy Input voltage AC100 to 120V/200 to 240V DC-48V Maximum input current (A) 40@100VAC 79@-48VDC Maximum caloric value (kJ/h) 0.3,750 3,750 Maximum caloric value (kJ/h) 443 x 544 x 395 (9U) 443 x 573 x 395 (9U)		QoS			
SNMPv1/v2/v3 (agent function), MIB II, IPv6 MIB, RMON, syslog, ping, traceroute, SSHv1/v2 ²⁴ NTP, IPv4 DHCP relay, IPv4 DHCP server, Prefix Delegation, RADIUS (IPv4/IPv6), sFlow, port TACACS+, ON-API, AX-Config-Master Power saving functions Power control of BCU/BSU/NIF (reboot required), NIF/port power supply OFF Dynamic power saving functions Power control of BCU/BSU/NIF (reboot required), NIF/port power supply OFF BCU (Basic Control Unit), BSU (Basic Switching Unit), Power Supply OFF, schedulir BCU (Basic Control Unit), BSU (Basic Switching Unit), Power Supply OFF Maximum input current (A) Equipment conditions Input voltage AC100 to 120V/200 to 240V DC-48V Maximum input current (A) 40@100VAC 79@-48VDC Maximum caloric value (kJ/h) 13,500 443 x 573 x 395 (9U) 443 x 573 x 395 (9U)				Load balance (IPv4/IPv6), VRRP(IPv4/IPv6), static polling (IPv4/IPv6), VRRP polling (IPv4/IPv6), Link aggregation (IEEE 802.3ad), jumbo frame, GSRP (L2/IPv4/IPv6), high-speed route switching function, Graceful Restart functions (BGP4, BGP4+, OSPF, OSPFv3), uRPF (loose/strict), storm control, IEEE802.3ah/UDL GSRP aware extended function, high-speed system switching function, L2 loop detection, network partition	
Static power saving functions NTP, IPv4 DHCP relay, IPv4 DHCP server, Prefix Delegation, RADIUS (IPv4/IPv6), sFlow, port TACACS+, ON-API, AX-Config-Master Power saving functions Power control of BCU/BSU/NIF (reboot required), NIF/port power supply OFF Dynamic power saving functions Power control of BCU/BSU (reboot required), BCU/BSU Power Supply OFF, schedulin BCU (Basic Control Unit), BSU (Basic Switching Unit), Power Supply OFF, schedulin BCU (Basic Control Unit), BSU (Basic Switching Unit), Power Supply OF-48V Redundancy Input voltage AC100 to 120V/200 to 240V DC-48V Maximum input current (A) 40@100VAC 20@200VAC 79@-48VDC Maximum caloric value (kJ/h) 13,500 143 x 573 x 395 (9U) 443 x 573 x 395 (9U)		L2-VPN		VLAN tunneling	
Power saving functions Power control of BCU/BSU (reboot not required), BCU/BSU Power Supply OFF, schedulin Redundancy BCU (Basic Control Unit), BSU (Basic Switching Unit), Power Supply Input voltage AC100 to 120V/200 to 240V DC-48V Maximum input current (A) 20@200VAC 79@-48VDC Maximum caloric value (kJ/h) 13,500 0 Outer dimensions W x D x H (mm) 443 x 544 x 395 (9U) 443 x 573 x 395 (9U)	Operation management functions			SNMPv1/v2/v3 (agent function), MIB II, IPv6 MIB, RMON, syslog, ping, traceroute, SSHv1/v2 ^{#2} , telnet, ftp, NTP, IPv4 DHCP relay, IPv4 DHCP server, Prefix Delegation, RADIUS (IPv4/IPv6), sFlow, port mirroring, TACACS+, ON-API, AX-Config-Master	
Dynamic power saving functions Power control of BCU/BSU (reboot not required), BCU/BSU Power Supply OFF, schedulin Redundancy BCU (Basic Control Unit), BSU (Basic Switching Unit), Power Supply Input voltage AC100 to 120V/200 to 240V DC-48V Maximum input current (A) 40@100VAC 79@-48VDC Maximum caloric value (kJ/h) 3,750 13,500 Outer dimensions W x D x H (mm) 443 x 544 x 395 (9U) 443 x 573 x 395 (9U)		Static power saving functions		Power control of BCU/BSU/NIF (reboot required), NIF/port power supply OFF	
Input voltage AC100 to 120V/200 to 240V DC-48V Maximum input current (A) 40@100VAC 20@200VAC 79@-48VDC Maximum power consumption (W) 3.750 Maximum caloric value (kJ/h) 13,500 Outer dimensions W x D x H (mm) 443 x 544 x 395 (9U)	Power saving functions	Dynamic power saving functions		Power control of BCU/BSU (reboot not required), BCU/BSU Power Supply OFF, scheduling	
Equipment conditions 40@100VAC 20@200VAC 79@-48VDC Maximum power consumption (W) 3,750 Maximum caloric value (kJ/h) 13,500 Outer dimensions W x D x H (mm) 443 x 544 x 395 (9U) 443 x 573 x 395 (9U)	Redundancy			BCU (Basic Control Unit), BSU (Basic Switching Unit), Power Supply	
Equipment conditions Maximum input current (A) 20@200VAC /9@-48VDC Equipment conditions Maximum power consumption (W) 3,750 Maximum caloric value (kJ/h) 13,500 Outer dimensions W x D x H (mm) 443 x 544 x 395 (9U) 443 x 573 x 395 (9U)	Equipment conditions	Input voltage		AC100 to 120V/200 to 240V	DC-48V
Maximum caloric value (kJ/h) 13,500 Outer dimensions W x D x H (mm) 443 x 544 x 395 (9U) 443 x 573 x 395 (9U)		Maximum input current (A)			79@-48VDC
Maximum caloric value (kJ/h) 13,500 Outer dimensions W x D x H (mm) 443 x 544 x 395 (9U) 443 x 573 x 395 (9U)		Maximum power consumption (W)		3,750	
		Maximum caloric value (kJ/h)		13,500	
		Outer dimensions W x D x H (mm)		443 x 544 x 395 (9U)	443 x 573 x 395 (9U)
Weight (kg) (at maximum load) 82		Weight (kg) (at maximum load)		82	
#1: When three BSUs (Basic Switching Unit) are in use #2: SSH function is subject to export control regulations, and may be excluded when exported.	#1: When three BSUs	(Basic Switching I	Unit) are in use #2: SSH	I function is subject to export control regulations, and may	y be excluded when exported.

Caution For your safety, please be sure to read the Hardware Instruction Manual and the Safety Guide beforehand.

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