CloudEngine S5735-S-V2-G Series Switch

Product Appearance	Description
CloudEngine S5735-S24T4XE-V2-G	· 24*10/100/1000BASE-T Ethernet ports, 4*10-gigabit SFP+, 2*dedicated stack ports · Support for 1+1 power backup · Packet Forwarding Rate: 171Mpps · Exchange Capacity: 672Gbps/6.72Tbps
CloudEngine S5735-S24P4XE-V2-G	· 24*10/100/1000BASE-T Ethernet ports, 4*10-gigabit SFP+, 2*dedicated stack ports · Support 3 power supplies, N+1 power backup · PoE+ · Packet Forwarding Rate: 171Mpps · Exchange Capacity: 672Gbps/6.72Tbps
CloudEngine S5735-S24U4XE-V2-G	· 24*10/100/1000BASE-T Ethernet ports, 4*10-gigabit SFP+, 2*dedicated stack ports · Support 3 power supplies, N+1 power backup · PoE++ (90W) · Packet Forwarding Rate: 171Mpps · Exchange Capacity: 672Gbps/6.72Tbps
CloudEngine S5735-S48T4XE-V2-G	· 48*10/100/1000BASE-T Ethernet ports, 4*10-gigabit SFP+, 2*dedicated stack ports · Support for 1+1 power backup · Packet Forwarding Rate: 207Mpps · Exchange Capacity: 672Gbps/6.72Tbps
CloudEngine S5735-S48T4XE-XA-V2-G	· 48*10/100/1000BASE-T Ethernet ports, 4*10-gigabit SFP+, 2*dedicated stack ports · Built-in dual AC power supply, support power 1+1 backup · Packet Forwarding Rate: 207Mpps · Exchange Capacity: 672Gbps/6.72Tbps
CloudEngine S5735-S48P4XE-V2-G	· 48*10/100/1000BASE-T Ethernet ports, 4*10-gigabit SFP+, 2*dedicated stack ports · Support for 3 power supplies, N+1 power backup · PoE+ · Packet Forwarding Rate: 207Mpps · Exchange Capacity: 672Gbps/6.72Tbps
CloudEngine S5735-S48U4XE-V2-G	· 48*10/100/1000BASE-T Ethernet ports, 4*10-gigabit SFP+, 2*dedicated stack ports · Support for 3 power supplies, N+1 power backup · P ++ (90W) · Packet Forwarding Rate: 207Mpps · Exchange Capacity: 672Gbps/6.72Tbps

Product Overview

The CloudEngine S5735-S-V2-G series switches are based on a new generation of high-performance hardware and the company's unified software platform, with enhanced three-layer features, simple operation and maintenance, flexible Ethernet networking, mature IPv6 features, etc. Widely used in enterprise campus access and aggregation, data center access and other application scenarios.

Technical Specification

Items	CloudEngine S5735-S48T4XE-V2-G	CloudEngine S5735-S48T4XE-XA-V2-G	CloudEngine S5735-S48P4XE-V2-G	CloudEngine S5735-S48U4XE-V2-G
Fixed Port	48*10/100/1000BASE-T to Ethernet ports 4*10-gigabit SFP+ 2*dedicated stacking port	48*10/100/1000BASE-T to Tai-net port 4*10-gigabit SFP+ 2*special stacking port	48*10/100/1000Base-T ports(PoE+) 4*Gigabits SFP+ 2*dedicated stacking ports	48*10/100/1000BASE-T to Ports (PoE++) 4*tens of thousands Megabyte SFP+ 2*dedicated stacking ports
Chassis Dimensions (W × D × H)	442mm × 420mm × 43.6mm	442mm × 420mm × 43.6mm	442mm × 420mm × 43.6mm	442mm × 420mm × 43.6mm
Chassis Height	1U	1U	1U	1U
Weight of the Whole Machine (including packing materials)	7.74kg	7.74kg	8kg	8.02kg
Expansion Slot	NA	NA	NA	NA
Power Supply Type	80W AC power supply 180W AC power supply 600W AC power supply 1200W DC power supply	Built-in dual AC power supply, support power supply 1+1 Backup	600W AC PoE power supply 1000W AC PoE power supply 1000W DC PoE power supply	600W AC PoE power supply 1000W AC PoE power supply 1000W DC PoE power supply
Maximum Power Consumption	55.12W (with 2 80W AC Psus) 64.51W (with 2 180W AC power modules) 93.26W (with 2 1200W DC power module)	55.12W (with 2 80W AC power modules) 64.51W (with 2 180W AC power modules) 93.26W (with 2 1200W DC power module)	Without PoE: 71.45W (With 2 600W AC power modules) With PoE: 1931.44W (PoE: 1680W with 3 1000W Psus)	Without PoE: 71.95W (With 2 600W AC power modules) With PoE: 3117.0W (PoE: 2880W, With three 1000W source module)
Long Run Temperature	0-1800m altitude: -5℃ to +50℃ 1800-5000m altitude: the operating temperature drops by 1℃ for every 220m increase in altitude	0-1800m altitude: -5℃ to +50℃ 1800-5000 m altitude: the operating temperature decreases by 1 degree Celsius for every 220m increase in altitude	0-1800m altitude: -5℃ to +50℃ 1800-5000 m altitude: the operating temperature decreases by 1 degree Celsius for every 220m increase in altitude	0-1800m altitude: -5℃ to +50℃ 1800-5000m altitude: the operating temperature decreases by 1 degree Celsius for every 220m increase in altitude
Storage Temperature	-40℃ to 70℃	-40℃ to 70℃	-40℃ to 70℃	-40℃ to 70℃
Relative Humidity	5% to 95%RH (no condensation)	5% to 95%RH (no condensation)	5% to 95%RH (no condensation)	5% to 95%RH (no condensation)
Service Port Lightning Protection	Common mode ±10kV	Common mode ±10kV	Common mode ±10kV	Common mode ±10kV
Power Port Lightning Protection	AC power port: differential mode ±6kV, common mode ±6kV	AC power port: differential mode ±6kV, common mode ±6kV	AC power port: differential mode ±6kV, common mode ±6kV	AC power port: differential mode ±6kV, common mode ±6kV
	DC power port: differential mode ±2kV, common mode ±4kV	DC power port: differential mode ±2kV, common mode ±4kV	DC power port: differential mode ±2kV, common mode ±4kV	DC power port: differential mode ±2kV, common mode ±4kV
Heat Dissipation Mode	Air cooling heat dissipation, intelligent speed regulation	Air cooling heat dissipation, intelligent speed regulation	Air cooling heat dissipation, intelligent speed regulation	Air cooling heat dissipation, intelligent speed regulation

Items	CloudEngine S5735-S24T4XE-V2-G	CloudEngine S5735- S24P4XE-V2-G	CloudEngine S5735-S24U4XE- V2-G
Fixed Port	24*10/100/1000BASE-T to Ethernet ports, 4*gigabits SFP+ 2*dedicated stack ports	24*10/100/1000BASE-T to Ethernet port (PoE+) 4*10-gigabit SFP+ 2*dedicated stack ports	24*10/100/1000BASE-T Ethernet port (PoE++) 4*10 gigabit SFP+ 2*dedicated stacking ports
Chassis Dimensions (W×D × H)	442mm × 420mm × 43.6mm	442mm × 420mm × 43.6mm	442mm × 420mm × 43.6mm
Chassis Height	1U	1U	1U
Weight of the Whole Machine (including packing materials)	7.48kg	7.74kg	7.82kg
Expansion Slot	NA	NA	NA
Power Supply Type	80W AC power supply 180W AC power supply 600W AC power supply 1200W DC power supply	600W AC PoE power supply 1000W AC PoE power supply 1000W DC PoE power supply	600W AC PoE power supply 1000W AC PoE power supply 1000W DC PoE power supply
Maximum Power Consumption	33.1W (with 2 80W AC Psus) 45.75W (with 2 180W AC power modules) 85.2W (with 2 1200W DC power modules)	Without PoE: 49.9W (With 2 600W AC power modules) With PoE: 1023.22W (PoE: 840W with 3 1000W power modules)	Without PoE: 55.2W (With 2 600W AC power modules) With PoE: 2430.11W (PoE: 2268W with 3 1000W power modules)
Long Run Temperature	0-1800m Altitude: -5℃ to +50℃	0-1800m altitude: -5℃ to +50℃	0-1800m altitude: -5℃ to +50℃
	1800-5000m altitude: the operating temperature decreases by 1℃ for every increase of 220m in altitude	1800-5000m altitude: the operating temperature decreases by 1℃ for every 220m increase in altitude	1800-5000m altitude: the operating temperature decreases by 1℃ for every 220m increase in altitude
Storage Temperature	-40℃ to 70℃	-40℃ to 70℃	-40℃ to 70℃
Relative Humidity	5% to 95%RH (no condensation)	5% to 95%RH (no condensation)	5% to 95%RH (no condensation)
Service Port Lightning Protection	Common mode ±10kV	Common mode ±10kV	Common mode ±10kV
Power Port Lightning Protection	AC power port: differential mode±6kV, common mode ±6kV	AC power port: differential mode ±6kV, common mode ±6kV	AC power port: differential mode ±6kV, common mode ±6kV
	DC power port: differential mode ±2kV, common mode ±4kV	DC power port: differential mode ±2kV, common mode ±4kV	DC power port: differential mode ±2kV, common mode ±4kV
Heat Dissipation Mode	Air cooling heat dissipation, intelligent speed regulation	Air cooling heat dissipation, intelligent speed regulation	Air cooling heat dissipation, intelligent speed regulation

Full Range of S5735-S-G silent Models

Model	CloudEngine S5735-S-X-G Series Switch
S5735-S24T4X-X-G	S5735-S24T4X-X-G(24*10/100/1000BASE-T Ethernet ports,4*10-gigabit SFP+, power not included)

Model	CloudEngine S5735-S-V2-G Series Switch
S5735-S24T4XE-V2-G	S5735-S24T4XE-V2-G(24*10/100/1000BASE-T Ethernet ports,4*10-gigabit SFP+,2*12GE stack ports, no power)
S5735-S24P4XE-V2-G	S5735-S24P4XE-V2-G(24*10/100/1000BASE-T Ethernet ports,4*10-gigabit SFP+,2*12GE stack ports,PoE+, no power)
S5735-S24U4XE-V2-G	S5735-S24U4XE-V2-G(24*10/100/1000BASE-T Ethernet ports,4*10-gigabit SFP+,2*12GE stack ports,PoE++, without power)
S5735-S24ST4XE-V2-G	S5735-S24ST4XE-V2-G(24*Gigabit SFP, including 8 10/100/1000Base-T Combo,4*10-gigabit SFP+,2*12GE stack ports, no power)
S5735-S24HS4XE-V2-G	S5735-S24HS4XE-V2-G(24*photoelectric combination ports (24*Gigabit SFP,24 PoE++ ports (DB50)),4*10-gigabit SFP+,2*12GE stack ports, without power)
S5735-S24PN4XE-V2-G	S5735-S24PN4XE-V2-G(24*10/100/1000/2.5GBASE-T Ethernet ports (PoE+),4*10-Gigabit SFP+,2*12GE stack ports, without power supply)
S5735-S48T4XE-V2-G	S5735-S48T4XE-V2-G(48*10/100/1000BASE-T Ethernet ports,4*10-gigabit SFP+,2*12GE stack ports, no power)
S5735-S48P4XE-V2-G	S5735-S48P4XE-V2-G(48*10/100/1000BASE-T Ethernet ports,4*10-gigabit SFP+,2*12GE stack ports,PoE+, no power)
S5735-S48U4XE-V2-G	S5735-S48U4XE-V2-G(48*10/100/1000BASE-T Ethernet ports,4*10-gigabit SFP+,2*12GE stack ports,PoE++, without power)
S5735-S48S4XE-V2-G	S5735-S48S4XE-V2-G(48*Gigabit SFP,4*10-Gigabit SFP+,2*12GE stack ports, no power)
S5735-S48HS4XE-V2-G	S5735-S48HS4XE-V2-G(48*photoelectric combination ports (48*Gigabit SFP,48*PoE++ ports (DB50)),4*10-gigabit SFP+,2*12GE stack ports, without power)
S5735-S48PN4XE-V2-G	S5735-S48PN4XE-V2-G(48*10/100/1000/2.5GBASE-T Ethernet ports (PoE+),4*10-Gigabit SFP+,2*12GE stack ports, no power)

Model	CloudEngine S5735I-S-V2-G Series Industrial Switch (Rack model)
S5735I-S16T8S4XE-QD-V2-G	S5735I-S16T8S4XE-QD-V2-G(16*10/100/1000BASE-T Ethernet ports,8*Gigabit SFP,4*10-Gigabit SFP+,2*12GE stack ports, dual DC 18-60V power supply, no fan)
S5735I-S24T8S4XE-QA-V2-G	S5735I-S24T8S4XE-QA-V2-G(24*10/100/1000BASE-T Ethernet ports,8*Gigabit SFP,4*10-Gigabit SFP+,2*12GE stack ports, dual AC power, no fan)

Model	CloudEngine S5735I-S-V2-G Wide Temperature Series Switch (Cabinet type)
S5735I-S24T4XE-V2-G	S5735I-S24T4XE-V2-G(24*10/100/1000BASE-T Ethernet ports,4*10-gigabit SFP+,2*12GE stack ports, no power)
S5735I-S24U4XE-V2-G	S5735I-S24U4XE-V2-G(24*10/100/1000BASE-T Ethernet ports,4*10-gigabit SFP+,2*12GE stack ports,PoE++, without power)

光语
GLORY

Ignite future, connect world