











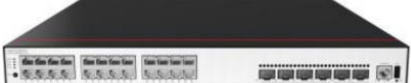





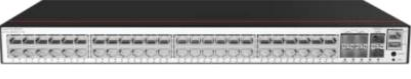
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CloudEngine S5735-L-V2-G Series Switch

Datasheet



Product Appearance	Description
 <p>CloudEngine S5735-L8T4S-A-V2-G</p>	<ul style="list-style-type: none"> · 8*10/100/1000BASE-T Ethernet ports, 4*Gigabit SFP ports · Ac power supply · Packet Forwarding Rate: 102Mpps · Switching Capacity: 672Gbps/6.72 Tbps
 <p>CloudEngine S5735-L8P4S-A-V2-G</p>	<ul style="list-style-type: none"> · 8*10/100/1000BASE-T Ethernet ports, 4*Gigabit SFP ports · Ac power supply · PoE+ · Packet Forwarding Rate: 102Mpps · Switching Capacity: 672Gbps/6.72 Tbps
 <p>CloudEngine S5735-L8P2T4X-A-V2-G</p>	<ul style="list-style-type: none"> · 8*10/100/1000BASE-T Ethernet ports (PoE+), 2*10/100/1000BASE-T Ethernet ports, 4*10GE SFP+ Ports · Ac power supply · Packet Forwarding Rate: 105Mpps · Switching Capacity: 672Gbps/6.72 Tbps
 <p>CloudEngine S5735-L10T4X-A-V2-G</p>	<ul style="list-style-type: none"> · 10*10/100/1000BASE-T Ethernet ports, 4*10GE SFP+ Ports · Ac power supply · Packet Forwarding Rate: 105Mpps · Exchange Capacity: 672Gbps/6.72 Tbps
 <p>CloudEngine S5735-L16T4S-A-V2-G</p>	<ul style="list-style-type: none"> · 16*10/100/1000Base-T Ethernet ports, 4*Gigabit SFP ports · Ac power supply · Packet Forwarding Rate: 114Mpps · Switching Capacity: 672Gbps/6.72 Tbps
 <p>CloudEngine S5735-L24T4S-A-V2-G</p>	<ul style="list-style-type: none"> · 24*10/100/1000BASE-T Ethernet ports, 4*Gigabit SFP ports · Ac power supply · Packet Forwarding Rate: 126Mpps · Switching Capacity: 672Gbps/6.72 Tbps
 <p>CloudEngine S5735-L24P4S-A-V2-G</p>	<ul style="list-style-type: none"> · 24*10/100/1000BASE-T Ethernet ports, 4*Gigabit SFP ports · Ac power supply · PoE+ · Packet Forwarding Rate: 126Mpps · Exchange Capacity: 672Gbps/6.72 Tbps
 <p>CloudEngine S5735-L24T4XE-A-V2-G</p>	<ul style="list-style-type: none"> · 24*10/100/1000Base-T Ethernet ports, 4*10GE SFP+ Ports, 2*12GE stack ports · Ac power supply · Packet Forwarding Rate: 171Mpps · Switching Capacity: 672Gbps/6.72 Tbps

 <p>CloudEngine S5735-L24T4XE-D-V2-G</p>	<ul style="list-style-type: none"> · 24*10/100/1000Base-T Ethernet ports, 4*10GE SFP+ Ports, 2*12GE stack ports · Dc power supply · Packet Forwarding Rate: 171Mpps · Switching Capacity: 672Gbps/6.72 Tbps
 <p>CloudEngine S5735-L24P4XE-A-V2-G</p>	<ul style="list-style-type: none"> · 24*10/100/1000Base-T Ethernet ports, 4*10GE SFP+ Ports, 2*12GE stack ports · Ac power supply · PoE+ · Packet Forwarding Rate: 171Mpps · Exchange Capacity: 672Gbps/6.72 Tbps
 <p>CloudEngine S5735-L48T4S-A-V2-G</p>	<ul style="list-style-type: none"> · 48*10/100/1000Base-T Ethernet ports, 4*Gigabit SFP ports · Ac power supply · Packet Forwarding Rate: 166Mpps · Switching Capacity: 672Gbps/6.72 Tbps
 <p>CloudEngine S5735-L48LP4S-A-V2-G</p>	<ul style="list-style-type: none"> · 48*10/100/1000Base-T Ethernet ports, 4*Gigabit SFP ports · Ac power supply · PoE+ · Packet Forwarding Rate: 166Mpps · Switching Capacity: 672Gbps/6.72 Tbps
 <p>CloudEngine S5735-L48T4XE-A-V2-G</p>	<ul style="list-style-type: none"> · 48*10/100/1000Base-T Ethernet ports, 4*10GE SFP+ Ports, 2*12GE stack ports · Ac power supply · Packet Forwarding Rate: 207Mpps · Switching Capacity: 672Gbps/6.72 Tbps
 <p>CloudEngine S5735-L48T4XE-D-V2-G</p>	<ul style="list-style-type: none"> · 48*10/100/1000Base-T Ethernet ports, 4*10GE SFP+ Ports, 2*12GE stack ports · Dc power supply · Packet Forwarding Rate: 207Mpps · Switching Capacity: 672Gbps/6.72 Tbps
 <p>CloudEngine S5735-L48P4XE-A-V2-G</p>	<ul style="list-style-type: none"> · 48*10/100/1000Base-T Ethernet ports, 4*10GE SFP+ Ports, 2*12GE stack ports · Ac power supply · PoE+ · Packet Forwarding Rate: 207Mpps · Switching Capacity: 672Gbps/6.72 Tbps
 <p>CloudEngine S5735-L48LP4XE-A-V2-G</p>	<ul style="list-style-type: none"> · 48*10/100/1000Base-T Ethernet ports, 4*10GE SFP+ Ports, 2*12GE stack ports · Ac power supply · PoE+ · Packet Forwarding Rate: 207Mpps · Switching Capacity: 672Gbps/6.72 Tbps



Product Overview

The CloudEngine S5735-L-V2-G series switches based on the next generation of high-performance hardware and software platform, with intelligent stacking, flexible Ethernet networking, a variety of security control features stand out. Support a variety of Layer 3 routing protocols, with higher performance and richer service processing capabilities, widely used in enterprise campus access,*Gigabit to desktop and other application scenarios.

Technical Specification

Items	CloudEngine S5735-L8T4S-A-V2-G	CloudEngine S5735-L8P4S-A-V2-G	CloudEngine S5735-L10T4X-A-V2-G	CloudEngine S5735-L8P2T4X-A-V2-G
Fixed Port	8*10/100/1000BASE-T Ethernet ports 4*Gigabit SFP ports	8*10/100/1000BASE-T Ethernet ports (PoE+) 4*Gigabit SFP ports	10*10/100/1000BASE-T Ethernet ports 4*10GE SFP+ Ports	8*10/100/1000Base-T Ethernet ports (PoE+) 2*10/100/1000Base-T ports 4*10GE SFP+ Ports
Chassis Dimensions (W × D × H)	250mm × 180mm × 43.6mm	320mm × 210mm × 43.6mm	250mm × 180mm × 43.6mm	320mm × 210mm × 43.6mm
Chassis Height	1U	1U	1U	1U
Full Weight (including packing material)	2.22kg	3.05kg	2.22kg	3.06kg
Power Supply Type	Built-in AC power supply	Built-in AC power supply	Built-in AC power supply	Built-in AC power supply
Maximum Power Consumption	21.52W	Without PoE: 25.09W With PoE: 166.65W (PoE: 125W)	29.54W	Without PoE: 32.33W With PoE: 151.85W (PoE: 125 W)
Noise	Room temperature sound power: 44.5dB (A) High temperature sound power: 53dB (A) Room temperature sound pressure: 32.5dB (A)	Room temperature sound power: 47dB (A) High temperature sound power: 57.3dB (A) Normal temperature sound pressure: 35dB (A)	Room temperature sound power: 44.5dB (A) High temperature sound power: : 53dB (A) Room temperature sound pressure: 32.5dB (A)	Room temperature sound power: 47dB (A) High temperature sound power: 57.3dB (A) Normal temperature sound pressure: 35dB (A)
Long-term Operating Temperature	-5°C to +50°C	-5°C to +50°C	-5°C to +50°C	-5°C to +50°C
Storage Temperature	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C
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 ±10 kV	Common mode ±10 kV	Common mode ±10 kV	Common mode ±10 kV
Power Port Lightning Protection	Differential mode: ±6kV	Differential die: ±6kV	Differential die: ±6kV	Differential die: ±6kV
	Common mode: ±6kV	Common mode: ±6kV	Common mode: ±6kV	Common mode: ±6kV
Cooling 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-L16T4S-A- V2-G	CloudEngine S5735-L24T4S-A- V2-G	CloudEngine S5735-L24P4S-A- V2-G	CloudEngine S5735-L24T4XE- A-V2-G
Fixed Port	16*10/100/1000Base-T Ethernet ports 4*Gigabit SFP ports	24*10/100/1000Base-T Ethernet ports 4*Gigabit SFP ports	24*10/100/1000Base-T Ethernet ports (PoE+) 4*Gigabit SFP ports	24*10/100/1000Base-T Ethernet ports 4*10GE SFP+ Ports 2*dedicated stack ports
Chassis Dimensions (W × D × H)	442mm × 220mm × 43.6mm	442mm × 220mm × 43.6mm	442mm × 220mm × 43.6mm	442mm × 220mm × 43.6mm
Chassis Height	1U	1U	1U	1U
Full Weight (including packing material)	3.34kg	3.44kg	3.79kg	3.46kg
Power Supply Type	Built-in AC power supply	Built-in AC power supply	Built-in AC power supply	Built-in AC power supply
Maximum Power Consumption	28.84W	33.04W	Without PoE: 43.35W With PoE: 484.91W (PoE: :400W)	37.03W
Noise	Room temperature sound power: 47dB (A) High temperature sound power: 51dB (A) Normal temperature sound pressure: 35dB (A)	Room temperature sound power: 47dB (A) High temperature sound power: 51dB (A) Ambient sound pressure: 35dB (A)	Room temperature sound power: 49.3dB (A) High temperature sound power: 63dB (A) Ambient sound pressure: 37.3dB (A)	Room temperature sound power: 47dB (A) High temperature sound power: 51dB (A) Ambient sound pressure: 35dB (A)
Long-term Operating Temperature	-5°C to +50°C	-5°C to +50°C	-5°C to +50°C	-5°C to +50°C
Storage Temperature	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C
Relative Humidity	5% to 95% (no condensation)	5% to 95% (no condensation)	5% to 95% (no condensation)	5% to 95% (no condensation)
Service Port Lightning Protection	Common mode ±10 kV	Common mode ±10 kV	Common mode ±10 kV	Common mode ±10 kV
Power Port Lightning Protection	differential mode: ±6kV	differential die: ±6kV	differential die: ±6kV	differential die: ±6kV
	common mode: ±6kV	common mode: ±6kV	common mode: ±6kV	common mode: ±6kV
Cooling 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-L24T4XE-D-V2-G	CloudEngine S5735-L24P4XE-A-V2-G	CloudEngine S5735-L48T4S-A-V2-G	CloudEngine S5735-L48LP4S-A-V2-G
Fixed Port	24*10/100/1000Base-T Ethernet ports 4*10GE SFP+ Ports 2*dedicated stacking ports	24*10/100/1000Base-T Ethernet ports (PoE+) 4*10GE SFP+ Ports 2*dedicated stacking ports	48*10/100/1000Base-T Ethernet ports 4*Gigabit SFP ports	48*10/100/1000Base-T Ethernet ports (PoE+) 4*Gigabit SFP ports
Chassis Dimensions (W × D × H, in mm)	442mm × 220mm × 43.6mm	442mm × 220mm × 43.6mm	442mm × 220mm × 43.6mm	442mm × 220mm × 43.6mm
Chassis Height	1U	1U	1U	1U
Full Weight (including packing material)	3.44kg	3.81kg	3.59kg	4.29kg
Power Supply Type	Built-in DC power supply	Built-in AC power supply	Built-in AC power supply	Built-in AC power supply
Maximum Power Consumption	36.33W	Without PoE: 55.4W	43.3W	Without PoE: 63.7W
		With PoE: 496.08W (PoE: 400W)		With PoE: 462.8W (PoE: 380W)
Long Run Temperature	-5°C to +50°C	-5°C to +50°C	-5°C to +50°C	-5°C to +50°C
Storage Temperature	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C
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 ±10 kV	Common mode ±10 kV	Common mode ±10 kV	Common mode ±10 kV
Power Port Lightning Protection	Differential mode: ± 2 kV	differential die: ±6kV	differential die: ±6kV	differential die: ±6kV
	common mode: ± 4 kV	common mode: ±6kV	common mode: ±6kV	common mode: ±6kV
Cooling 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-L48T4XE- A-V2-G	CloudEngine S5735-L48T4XE- D-V2-G	CloudEngine S5735-L48P4XE- A-V2-G	CloudEngine S5735-L48LP4XE- A-V2-G
Fixed Port	48*10/100/1000Base-T Ethernet ports 4*10GE SFP+ Ports 2*dedicated stacking ports	48*10/100/1000Base-T Ethernet ports 4*10GE SFP+ Ports 2*dedicated stacking ports	48*10/100/1000Base-T Ethernet port (PoE+) 4*10GE SFP+ Ports 2*dedicated stacking ports	48*10/100/1000Base-T Ethernet port 4*10GE SFP+ Ports 2*dedicated stacking ports
Chassis Dimensions (W × D × H, in mm)	442mm × 220mm × 43.6mm	442mm × 220mm × 43.6mm	442mm × 420mm × 43.6mm	442mm × 220mm × 43.6mm
Chassis Height	1U	1U	1U	1U
Full Weight (including packing material)	3.62kg	3.6kg	8.9kg	4.32kg
Power Supply Type	Built-in AC power supply	Built-in DC power supply	AC power, 1 slot	Built-in AC power supply
Maximum Power Consumption	49.48 W	48.42 W	without PoE: 76.66W	without PoE: 65.7W
			with PoE: 993.74W(PoE:846W)	with PoE: 464.8W(PoE: 380W)
Noise	Room temperature sound power: 46.6dB (A) High temperature sound power: 54.3dB (A) room temperature sound pressure: 34.6dB (A)	Room temperature sound power: 46.6dB (A) High temperature sound power: 54.3dB (A) room temperature sound pressure: 34.6dB (A)	Room temperature sound power: 49.3dB (A) High temperature sound power: 63dB (A) Sound pressure at room temperature: 37.3dB (A)	Room temperature sound power: 49.3dB (A) High temperature sound power: 63dB (A) Normal temperature sound pressure: 37.3dB (A)
Long-term Operating Temperature	-5°C to +50°C	-5°C to +50°C	-5°C to +50°C	-5°C to +50°C
Storage Temperature	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C
Relative Humidity	5% to 95% (no condensation)	5% to 95% (no condensation)	5% to 95% (no condensation)	5% to 95% (no condensation)
Service Port Lightning Protection	Common mode ±10 kV	Common mode ±10 kV	Common mode ±6 kV	Common mode ±6 kV
Power Port Lightning Protection	Differential mode: ±6kV	Differential die: ±2kV	Differential die: ±6kV	Differential die: ±6kV
	Common mode: ±6kV	Common mode: ±4kV	Common mode: ±6kV	Common mode: ±6kV
Cooling 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

Full Range of S5735-L-V2-G Models

Model	CloudEngine S5735-L-V2-G Series Switch
S5735-L8T4S-A-V2-G	S5735-L8T4S-A-V2-G(8*10/100/1000BASE-T Ethernet ports,4*Gigabit SFP, AC powered)
S5735-L8P4S-A-V2-G	S5735-L8P4S-A-V2-G(8*10/100/1000BASE-T Ethernet ports,4*Gigabit SFP,PoE+, AC power)
S5735-L10T4X-A-V2-G	S5735-L10T4X-A-V2-G(10*10/100/1000BASE-T Ethernet ports,4*10-Gigabit SFP+, AC power supply)
S5735-L8P2T4X-A-V2-G	S5735-L8P2T4X-A-V2-G(8*10/100/1000BASE-T Ethernet ports (PoE+), 2*10/100/1000BASE-T Ethernet ports,4*10-gigabit SFP+, AC powered)
S5735-L16T4S-A-V2-G	S5735-L16T4S-A-V2-G(16*10/100/1000BASE-T Ethernet ports,4*Gigabit SFP, AC powered)
S5735-L24T4S-A-V2-G	S5735-L24T4S-A-V2-G(24*10/100/1000BASE-T Ethernet ports,4*Gigabit SFP, AC powered)
S5735-L24P4S-A-V2-G	S5735-L24P4S-A-V2-G(24*10/100/1000BASE-T Ethernet ports,4*Gigabit SFP,PoE+, AC power)
S5735-L24T4XE-A-V2-G	S5735-L24T4XE-A-V2-G(24*10/100/1000BASE-T Ethernet ports,4*10-Gigabit SFP+,2*12GE stack ports, AC powered)
S5735-L24T4XE-D-V2-G	S5735-L24T4XE-D-V2-G(24*10/100/1000BASE-T Ethernet ports,4*10-Gigabit SFP+,2*12GE stack ports, DC power supply)
S5735-L24P4XE-A-V2-G	S5735-L24P4XE-A-V2-G(24*10/100/1000BASE-T Ethernet ports,4*10-Gigabit SFP+,2*12GE stack ports,PoE+, AC power supply)
S5735-L48T4S-A-V2-G	S5735-L48T4S-A-V2-G(48*10/100/1000BASE-T Ethernet ports,4*Gigabit SFP, AC power supply)
S5735-L48LP4S-A-V2-G	S5735-L48LP4S-A-V2-G(48*10/100/1000BASE-T Ethernet ports,4*Gigabit SFP,PoE+, AC power supply)
S5735-L48T4XE-A-V2-G	S5735-L48T4XE-A-V2-G(48*10/100/1000BASE-T Ethernet ports,4*10-Gigabit SFP+,2*12GE stack ports, AC powered)
S5735-L48T4XE-D-V2-G	S5735-L48T4XE-D-V2-G(48*10/100/1000BASE-T Ethernet ports,4*10-Gigabit SFP+,2*12GE stack ports, DC power supply)
S5735-L48P4XE-A-V2-G	S5735-L48P4XE-A-V2-G(48*10/100/1000BASE-T Ethernet ports,4*10-Gigabit SFP+,2*12GE stack ports,PoE+, including 1*AC power supply)
S5735-L48LP4XE-A-V2-G	S5735-L48LP4XE-A-V2-G(48*10/100/1000BASE-T Ethernet ports,4*10-Gigabit SFP+,2*12GE stack ports,PoE+, AC power supply)
Model	CloudEngine S5735-L-V2-G Series All-optical Switches
S5735-L24ST4XE-A-V2-G	S5735-L24ST4XE-A-V2-G(24*Gigabit SFP, including 8 10/100/1000Base-T Combo,4*10-gigabit SFP+,2*12GE stack ports, built-in AC power supply, front maintenance)
S5735-L48S4X-A-V2-G	S5735-L48S4X-A-V2-G(48*Gigabit SFP,4*10-Gigabit SFP+, built-in AC power supply, pre-maintenance)
S5735-L48S4XE-A-V2-G	S5735-L48S4XE-A-V2-G(48*Gigabit SFP,4*10-Gigabit SFP+,2*12GE stack ports, built-in AC power supply)
Model	CloudEngine S5735-L-V2-G Series 2.5GE Switches
S5735-L24PN4XE-A-V2-G	S5735-L24PN4XE-A-V2-G(24*10/100/1000/2.5GBASE-T Ethernet ports (PoE+),4*10-Gigabit SFP+,2*12GE stack ports,400W PoE, built-in AC power supply)
S5735-L48LPN4XE-A-V2-G	S5735-L48LPN4XE-A-V2-G(48*10/100/1000/2.5GBASE-T Ethernet ports (PoE+),4*10-Gigabit SFP+,2*12GE stack ports,360W PoE, built-in AC power supply)
Model	CloudEngine S5735I-L-V2-G Wide Temperature Series Switch (Cabinet type)
S5735I-L8P4X-A-V2-G	S5735I-L8P4X-A-V2-G(8*10/100/1000BASE-T Ethernet ports,4*10-Gigabit SFP+,PoE+, AC power)
S5735I-L10T4X-A-V2-G	S5735I-L10T4X-A-V2-G(10*10/100/1000BASE-T Ethernet ports,4*10-Gigabit SFP+, AC powered)



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For more information, please visit www.glory-t.cn

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