# Datasheet



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### Overview

S5735-L24T4X-D1 (24\*10/100/1000BASE-T ports, 4\*10GE SFP+ ports, DC power).

#### **Quick Specification**

#### Table 1 shows the Quick Specification.

Model	S5735-L24T4X-D1
Part Number	98011304
Description	S5735-L24T4X-D1 (24*10/100/1000BASE-T ports, 4*10GE SFP+ ports, DC power)
First supported version	V200R020C10
Dimensions without packaging (H x W x D) [mm(in.)]	Basic dimensions (excluding the parts protruding from the body): 43.6 mm x 442.0 mm x 220.0 mm (1.72 in. x 17.4 in. x 8.7 in.)  Maximum dimensions (the depth is the distance from ports on the front panel to the parts protruding from the rear panel): 43.6 mm x 442.0 mm x 227.0 mm (1.72 in. x 17.4 in. x 8.94 in.)
Memory	512 MB
Flash memory	512 MB
PoE	Not supported

Figure 1 shows the appearance of S5735-L24T4X-D1.



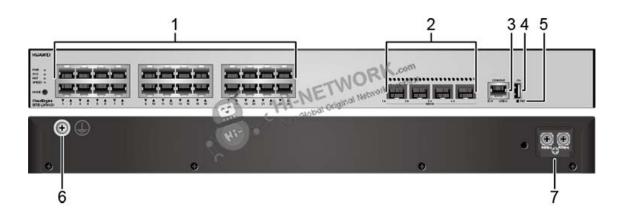


# Datasheet



### **Product Details**

Figure 2 shows the structure of S5735-L24T4X-D1.



#### Note:

(1)	Twenty-four 10/100/1000BASE-T ports	(5)	One PNP button
(2)	Four 10GE SFP+ ports	(6)	Ground screw
(3)	One console port	(7)	DC power terminal
(4)	One USB port		

#### **Get More Information**

Do you have any question about the S5735-L24T4X-D1 (98011304)?

Contact us now via info@hi-network.com.

# **Specification**

S5735-L24T4X-D1 Specification		
Model	S5735-L24T4X-D1	
Part Number	98011304	
Description	S5735-L24T4X-D1 (24*10/100/1000BASE-T ports, 4*10GE SFP+ ports, DC power)	
First supported version	V200R020C10	
Dimensions without packaging (H x W x D) [mm(in.)]	Basic dimensions (excluding the parts protruding from the body): 43.6 mm x 442.0 mm x 220.0 mm (1.72 in. x 17.4 in. x 8.7 in.)  Maximum dimensions (the depth is the distance from ports on the front panel to the parts protruding from the rear panel): 43.6 mm x 442.0 mm x 227.0 mm (1.72 in. x 17.4 in. x 8.94 in.)	
Dimensions with packaging (H x W x D) [mm(in.)]	90.0 mm x 550.0 mm x 360.0 mm (3.54 in. x 21.65 in. x 14.17 in.)	
Chassis height [U]	1	



# Datasheet



Weight without packaging [Pg(bh)]   2.39 kg (2.37 lb)		
Typical power consumption [W]  Typical hear dissipation [BTU-board]  Maximum power consumption [W]  37.3  Maximum hear dissipation [BTU-board]  22.  Maximum hear dissipation [BTU-board]  23.  Maximum hear dissipation [BTU-board]  Notice at normal temperature (accountic power) [BB(A)]  34.  Notice at normal temperature (accountic power) [BB(A)]  35.  Notice at normal temperature (accountic power) [BB(A)]  36.  None at normal temperature (accountic power) [BB(A)]  37.  None at normal temperature (accountic power) [BB(A)]  38.  Notice at normal temperature (accountic power) [BB(A)]  39.  Notice	Weight without packaging [kg(lb)]	2.39 kg (5.27 lb)
Typical heat dissipation [BTU/hour] 116.011  Maximum host dissipation [BTU/hour] 27.27  MTBF [year] 62.05  MTTR [boar] 2  Availability 50.099999  Noise at normal temperature (accousic prower) (JB(A)] 39  Noise at normal temperature (accousic prower) (JB(A)) 39  Noise at normal temperature (JB(A)) 39  Noise at normal temperature (JB(A) 30  Noise at normal tempera	Weight with packaging [kg(lb)]	3.28 kg (7.23 lb)
Maximum power consumption [W] 37.3  Maximum beard dissipation [BTU boar] 127.27  MTBF [year] 6.2.05  MTTR [boar] 2  Availability 5.0.999999  Noise at normal temperature (acoustic prover) [AB(A)] 39  Noise at normal temperature (acoustic prover) [AB(A)] 39  Noise at normal temperature (acoustic prover) [AB(A)] 27.2  Number of card slots 0  Number of card slots 0  Number of fams modules 1  Long-term operating temperature [CCFP] 5.75 (a. 9.50°C (23°F to 122°F)) (in to 1800° in altitude, min industrial optical modules of time modules 1  Long-term operating temperature [CCFP] 5.75 (a. 9.50°C (23°F to 123°F)) (in to 1800° in altitude, min industrial optical modules with transmission distances less than or equal to 10 km)  When the altitude is 180.5000 in (500° 1450°H A), the highest operating temperature reduces by 1°C (1.8°F) every time the altitude increases by 200 in (72°F). The operating temperature reduces by 1°C (1.8°F) every time the altitude increases by 200 in (72°F). The operating temperature reduces with transmission distances poperating enhances less with transmission distances poperating enhances less with transmission distances poperating temperature reduces by 1°C (1.8°F) every time the altitude increases by 200 in (72°F). The operating temperature reduces by 1°C (1.8°F) every time the altitude increases by 200 in (72°F). The operating temperature reduces by 1°C (1.8°F) every time the altitude increases by 200 in (72°F). The operating temperature reduces by 1°C (1.8°F) every time the altitude increases by 200 in (72°F). The operating temperature reduces by 1°C (1.8°F) every time the altitude increases by 200 in (72°F). The operating temperature reduces by 1°C (1.8°F) every time the altitude increases by 200 in (72°F). The operation of the 1°C (1.8°F) every time the altitude increases by 200 in (72°F). The operation of the 1°C (1.8°F) every time the altitude increases by 200 in (70°F) every time the altitude increases by 200 in (70°F) every time the altitude increases by 200 in (70°F) every time the alt	Typical power consumption [W]	34
Maximum best dissipation [BTU/hour]  MTBF [year]  62.05  MTR [boar]  2  Availability  Noise at normal temperature (acoustic process) [dB(A)]  Noise apported  1  Long-term operating temperature (acoustic process) [dB(A)]  Long-term operating temperature (acoustic process) [dB(A)]  Exerticities on the operating temperature (acoustic process) [dB(A)]  When the altitude is 1800-5001 m (5905-61648 H.), the highest operating temperature reduces by 15°C (18°F)	Typical heat dissipation [BTU/hour]	116.01
MTRE [year] 2.2.05  MITR [hour] 2  Availability 5.0.99999  Noise at normal temperature (acoustic prover) [dB(A)] 39  Noise at normal temperature (acoustic pressure) [dB(A)] 27.2  Number of card slots 0  Number of power slots 0  Number of power slots 0  Number of power slots 1  Redundant power supply Not supported 1  Long-term operating temperature [PCCF]] 5.7°C to -55°C (23°F to 13°F) (0 m to 1800 m altitude, non-industrial optical modules with transmission distances less than or equal to 10 km)  When the altitude is 1810 0.000 m (906-16404 fb.), the highest operating temperature reduces by 1°C (1.8°F) every time the altitude increases by 220 m (722 fb.). The switch cannot be started when the ambient temperature is tower than 0°C (32°F). The switch cannot be started when the ambient temperature is tower than 0°C (32°F). The switch cannot be started when the ambient temperature is tower than 0°C (32°F). The switch cannot be started when the ambient temperature is tower than 0°C (32°F). The switch cannot be started when the ambient temperature is tower than 0°C (32°F). The switch cannot be started when the ambient temperature is tower than 0°C (32°F). The switch cannot be started when the ambient temperature is tower than 0°C (32°F). The switch cannot be started when the ambient temperature is tower than 0°C (32°F). The switch cannot be started when the ambient temperature as to sover than 0°C (32°F). The switch cannot be started when the ambient temperature is tower than 0°C (32°F). The switch cannot be started when the ambient temperature is tower than 0°C (32°F). The switch cannot be started when the ambient temperature is tower than 0°C (32°F). The switch cannot be started when the ambient temperature is tower than 0°C (32°F). The switch cannot be started when the ambient temperature as the switch transmission distances general temperature reages from 5°C to -45°C to	Maximum power consumption [W]	37.3
MTTR [hord]  Availability  Availability  Noise at normal temperature (acoustic pressure) [dB(A)]  Noise at n	Maximum heat dissipation [BTU/hour]	127.27
Noise at normal temperature (acoustic power) [dB(A)]   39	MTBF [year]	62.05
Noise at normal temperature (acoustic power) [dB(A)]  Noise at normal temperature (acoustic pressure) [dB(A)]  Number of card shots  Number of power shots  Number of fans modules  Long-term operating temperature [**C(**F)]  Restriction on the operating temperature variation rate [**CC*F]  Restriction on the operating temperature variation rate [**CC*F]  Long-term operating relative humidity [RH]  Long-term operating altitude [m(ft_1)]  Long-term operating altitude [m(ft_2)]  Ross to power supply  Not supported  **S(**to +50**C (23**F to 121**F) (0 m to 1800 m abitude, non-industrial optical modules)  -5**C to +50**C (23**F to 131**F) (0 m to 1800 m abitude, non-industrial optical modules)  -5**C to +50**C (23**F to 131**F) (0 m to 1800 m abitude, non-industrial optical modules)  -5**C to +50**C (23**F to 131**F) (0 m to 1800 m abitude, non-industrial optical modules)  -5**C to +50**C (23**F to 131**F) (0 m to 1800 m abitude, non-industrial optical modules)  -5**C to +50**C (23**F to 131**F) (0 m to 1800 m abitude, non-industrial optical modules)  -5**C to +50**C (23**F to 131**F) (0 m to 1800 m abitude, non-industrial optical modules with transmission of distances less than or equal to 10 km.  When the abitude is 1800-5000 m (5900-1640**H), the highest operating temperature reduces by 1°C (18**F) over time the abitude is 1800-5000 m (72**E ft_1).  The switch cannot be starred when the ambient temperature is lower than 0°C (23**F).  The operating temperature ranges from -5**C to +45**C (23**F to 113**F) when optical modules with transmission distances geneter than or equal to 70 km are used.  -40**C to +70**C (-40**F to +13**F)  -40**C to +70**C (-4	MTTR [hour]	2
Number of card slots  Number of power slots  Number of fans modules  Redundant power supply  Long-term operating temperature [*C(*F)]  Restriction on the operating temperature variation rate [*C(*F)]  Restriction on the operating temperature reduces by [*C(*F)]  Restriction on the operating temperature reduces by [*C(*F)]  Restriction on the operating temperature variation rate [*C(*F)]  **When the altitude is 1800-5000 in (5906-1640 ft.), the highest operating temperature reduces by [*C(*I,8*F)* perty time the altitude increases by 220 in (*72. ft.).  The switch cannot be started when the ambient temperature is lower than 0*C (32*F).  The operating temperature rates from 5**C to 4*5**C (23*F to 13*F) when optical modules with transmission distances greater than or equal to 70 km are used.  **Storage temperature is lower than 0*C (32*F).  **The operating temperature rates from 5**C to 4*5**C (23*F to 13*F) when optical modules with transmission distances greater than or equal to 70 km are used.  **Storage temperature is lower than 0**C (3*F).  **The operating temperature rates from 5**C to 4*5**C (23*F to	Availability	>0.99999
Number of power slots  Number of fairs modules  Redundant power supply  Not supported  Son to 12	Noise at normal temperature (acoustic power) [dB(A)]	39
Number of fans modules  Redundant power supply  Long-term operating temperature [°C(°F)]  Restriction on the operating temperature variation rate [°C(°F)]  Restriction on the operating temperature ranges from -5°C to +45°C (23°F to 113°F) when optical modules with transmission distances greater than or equal to 70 km are used.  Storage temperature [°C(°F)]  Long-term operating relative humidity [RH]  Long-term operating rathrude [m(ft.)]  Long-term operating altitude [m(ft.)]  Storage altitude [m(ft.)]  Desould m(b-16404 ft.)  Storage altitude [m(ft.)]  Power supply mode  DC built-in  Rated input voltage [V]  DC input -48 V DC to -60 V DC  Input voltage range [V]  DC input -38.4 V DC to -72 V DC  Memory  S12 MB  Console port  RTC  Not supported  Not supported  RTC  Not supported	Noise at normal temperature (acoustic pressure) [dB(A)]	27.2
Number of fans modules  Redundant power supply  Not supported  -5°C to +50°C (23°F to 122°F) (0 m to 1800 m altitude, non-industrial optical modules) -5°C to +55°C (23°F to 131°F) (0 m to 1800 m altitude, inclustrial optical modules with transmission distances less than or equal to 10 km)  When the altitude is 1800-5000 m (5906-16404 ft.), the highest operating temperature reduces by 1°C (1.8°F) every time the altitude increases by 220 m (722 ft.). The switch cannot be started when the ambient temperature is lower than 0°C (32°F). The operating temperature ranges from -5°C to +45°C (23°F to 113°F) when optical modules with transmission distances greater than or equal to 70 km are used.  Storage temperature faltive humidity [RH]  5% to 95%, noncondensing  Long-term operating altitude [m(ft.)]  5% to 95%, noncondensing  Long-term operating altitude [m(ft.)]  5% to 95%, noncondensing  Do 5000 m (0-16404 ft.)  Storage altitude [m(ft.)]  Power supply mode  DC built-in  Rated input voltage [V]  DC input: -48 V DC to -60 V DC  Input voltage range [V]  DC input: -38.4 V DC to -72 V DC  Memory  512 MB  Flash memory  512 MB  Console port  R145  Eth Management port  Not supported  Not supported  RTC  Not supported	Number of card slots	0
Redundant power supply  Not supported  -5°C to +50°C (23°F to 122°F) (0 m to 1800 m altitude, non-industrial optical modules) -5°C to +55°C (23°F to 131°F) (0 m to 1800 m altitude, industrial optical modules with transmission distances less than or equal to 10 km)  When the altitude is 1800-5000 m (5906-16404 ft.), the highest operating temperature variation rate [°C(°F)]  Restriction on the operating temperature variation rate [°C(°F)]  When the altitude is 1800-5000 m (5906-16404 ft.), the highest operating temperature reduces by 1°C (1.8°F) every time the altitude increases by 220 m (722 ft.). The switch cannot be started when the ambient temperature is lower than 0°C (32°F). The operating temperature ranges from -5°C to +45°C (23°F to 113°F) when optical modules with transmission distances greater than or equal to 70 km are used.  Storage temperature [°C(°F)]  Long-term operating relative humidity [RH]  5% to 95%, noncondensing  Long-term operating altitude [m(ft.)]  0-5000 m (0-16404 ft.)  Storage altitude [m(ft.)]  0-5000 m (0-16404 ft.)  DC input: -48 V DC to -60 V DC  Input voltage [V]  DC input: -38.4 V DC to -60 V DC  Memory  512 MB  Flash memory  512 MB  Console port  R45  Eth Management port  Not supported  Not supported  Not supported	Number of power slots	0
Long-term operating temperature [°C(°F)]  Restriction on the operating temperature variation rate [°C(°F)]  Restriction on the operating temperature variation rate [°C(°F)]  Restriction on the operating temperature variation rate [°C(°F)]  Storage temperature [°C(°F)]  Long-term operating relative humidity [RH]  Long-term operating altitude [m(ft.)]  Storage altitude [m(ft.)]  Power supply mode  Rated input voltage range [V]  Memory  S12 MB  Flash memory  S12 MB  Console port  RTC  Not supported  Not supported  Supported  Not supported  Not supported  Not supported  Not supported  Not supported  Not supported	Number of fans modules	1
Long-term operating temperature [°C(°F)]  -5°C to +55°C (23°F to 131°F) (0 m to 1800 m altitude, industrial optical modules with transmission distances less than or equal to 10 km)  When the altitude is 1800-5000 m (5906-16404 ft.), the highest operating temperature reduces by 1°C (1.8°F) every time the altitude increases by 220 m (722 ft.).  The switch cannot be started when the ambient temperature is lower than 0°C (32°F).  The operating temperature ranges from -5°C to +45°C (23°F to 113°F) when optical modules with transmission distances greater than or equal to 70 km are used.  Storage temperature [°C(°F)]  Long-term operating relative humidity [RH]  5% to 95%, noncondensing  Long-term operating altitude [m(ft.)]  Storage altitude [m(ft.)]  O-5000 m (0-16404 ft.)  Power supply mode  DC built-in  Rated input voltage [V]  DC input: -48 V DC to -60 V DC  Input voltage range [V]  DC input: -38.4 V DC to -72 V DC  Memory  512 MB  Flash memory  512 MB  Console port  R145  Eth Management port  Not supported  Not supported  Not supported	Redundant power supply	Not supported
Restriction on the operating temperature variation rate  [°C(°F)]  The switch cannot be started when the ambient temperature is lower than 0°C (32°F). The operating temperature ranges from -5°C to +45°C (23°F to 113°F) when optical modules with transmission distances greater than or equal to 70 km are used.  Storage temperature [°C(°F)]  Long-term operating relative humidity [RH]  Storage altitude [m(ft.)]  Power supply mode  Rated input voltage [V]  DC input: -48 V DC to -60 V DC  Input voltage range [V]  DC input: -38 A V DC to -72 V DC  Memory  512 MB  Console port  R145  Eth Management port  Not supported  Not supported  RTC  Not supported	Long-term operating temperature [°C(°F)]	-5°C to +55°C (23°F to 131°F) (0 m to 1800 m altitude, industrial optical modules with transmission
Long-term operating relative humidity [RH]  Long-term operating altitude [m(ft.)]  O-5000 m (0-16404 ft.)  Storage altitude [m(ft.)]  O-5000 m (0-16404 ft.)  DC built-in  Rated input voltage [V]  DC input: -48 V DC to -60 V DC  Input voltage range [V]  DC input: -38.4 V DC to -72 V DC  Memory  512 MB  Flash memory  512 MB  Console port  RJ45  Eth Management port  Not supported  RTC  Not supported		$1^{\circ}$ C (1.8°F) every time the altitude increases by 220 m (722 ft.). The switch cannot be started when the ambient temperature is lower than $0^{\circ}$ C (32°F). The operating temperature ranges from -5°C to +45°C (23°F to 113°F) when optical modules with
Long-term operating altitude [m(ft.)]  Storage altitude [m(ft.)]  0-5000 m (0-16404 ft.)  0-5000 m (0-16404 ft.)  Power supply mode  DC built-in  Rated input voltage [V]  DC input: -48 V DC to -60 V DC  Input voltage range [V]  DC input: -38.4 V DC to -72 V DC  Memory  512 MB  Flash memory  512 MB  Console port  RJ45  Eth Management port  Not supported  USB  Supported  Not supported  Not supported	Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)
Storage altitude [m(ft.)]  Power supply mode  DC built-in  Rated input voltage [V]  DC input: -48 V DC to -60 V DC  Input voltage range [V]  DC input: -38.4 V DC to -72 V DC  Memory  512 MB  Flash memory  512 MB  Console port  RJ45  Eth Management port  Not supported  USB  Supported  Not supported  Not supported	Long-term operating relative humidity [RH]	5% to 95%, noncondensing
Power supply mode  Rated input voltage [V]  DC input: -48 V DC to -60 V DC  Input voltage range [V]  DC input: -38.4 V DC to -72 V DC  Memory  512 MB  Flash memory  512 MB  Console port  RJ45  Eth Management port  Not supported  USB  Supported  Not supported	Long-term operating altitude [m(ft.)]	0-5000 m (0-16404 ft.)
Rated input voltage [V]  DC input: -48 V DC to -60 V DC  Input voltage range [V]  DC input: -38.4 V DC to -72 V DC  Memory  512 MB  Flash memory  512 MB  Console port  RJ45  Eth Management port  Not supported  USB  Supported  Not supported  Not supported	Storage altitude [m(ft.)]	0-5000 m (0-16404 ft.)
Input voltage range [V]  DC input: -38.4 V DC to -72 V DC  Memory  512 MB  Flash memory  512 MB  Console port  RJ45  Eth Management port  Not supported  USB  Supported  Not supported  Not supported	Power supply mode	DC built-in
Memory 512 MB  Flash memory 512 MB  Console port RJ45  Eth Management port Not supported  USB Supported  RTC Not supported	Rated input voltage [V]	DC input: -48 V DC to -60 V DC
Flash memory 512 MB  Console port RJ45  Eth Management port Not supported  USB Supported  RTC Not supported	Input voltage range [V]	DC input: -38.4 V DC to -72 V DC
Console port RJ45  Eth Management port Not supported  USB Supported  RTC Not supported	Memory	512 MB
Eth Management port Not supported  USB Supported  RTC Not supported	Flash memory	512 MB
USB Supported  RTC Not supported	Console port	RJ45
RTC Not supported	Eth Management port	Not supported
	USB	Supported
RPS input Not supported	RTC	Not supported
	RPS input	Not supported



# Datasheet



Service port surge protection [kV]	Common mode: ±7 kV	
Power supply surge protection [kV]	±2 kV in differential mode, ±4 kV in common mode	
Types of fans	Built-in	
Heat dissipation mode	Heat dissipation with fan, intelligent fan speed adjustment	
Airflow direction	Air intake from left and front, air exhaustion from right	
РоЕ	Not supported	
	EMC certification	
Certification	Safety certification	
	Manufacturing certification	

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