### Datasheet

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## Overview

CloudEngine S2730S-S series switches are based on next-generation high-performance hardware and Huawei's unified VRP (Versatile Routing Platform) software platform. Flexible Ethernet networking, various security controls, etc., support a variety of Layer 3 routing protocols, with higher performance and richer business processing capabilities, widely used in enterprise parks area access, 100M, Gigabit to desktop and other application scenarios.

### **Quick Specification**

Model	S2730S-S16FP4S-A
Part Number	98011329
Memory (RAM)	512 MB
Flash	512 MB
PoE	Not supported
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.)
Weight without packaging [kg(lb)]	2.86 kg (6.31 lb)
Weight with packaging [kg(lb)]	3.83 kg (8.44 lb)



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## **Product Details:**

The Front Panel:

HLANKEL - Kan -	
1)	Eight 10/100BASE-TX PoE+ ports
2	Eight 10/100/1000BASE-T PoE+ ports
3	Four 1000BASE-X ports
(4)	One console port
5	One PNP button

#### The Back Panel:



6	Ground screw
7	Jack for AC power cable locking strap
8	AC socket

Get more information:

Do you have any question about the S2730S-S16FP4S-A 98011329?

Contact us now via e-mail: info@hi-network.com

## **Specific Data Sheet:**

Part Number	98011329
Model	S2730S-S16FP4S-A
	Basic dimensions (excluding the parts protruding from the body): 43.6 mm x 442.0 mm x 220.0 mm (1.72 in.
Dimensions without packaging (H x W x D)	x 17.4 in. x 8.7 in.)
[mm(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.)



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# Datasheet



Demonson wich geokaging (11.8 W x.D) [mm(in)]       90.3 mm x 550.0 mm x 150.5 mm x 11.15 m.)         Chans height (U)       1.4         Weight wich peokaging (lig/lb)       2.85 kg (6.511b)         Weight wich peokaging (lig/lb)       3.83 kg (8.44 lb)         Typical poor anomaption [W]       3.55 W         Maximum poor consumption [W]       1.21.47 BTO hour         Maximum poor consumption [W]       Not providing the PAE faction: 33.2 W         Maximum poor consumption [W]       Not providing the PAE faction: 38.1 S2         Maximum heat dissipation [BTU/hour]       1.96 kg (5.50 W)         Maximum heat dissipation [BTU/hour]       3.84 kg (0.11 kg (0	Datasheet	<u> </u>
Weight without puckaging [kg(b)]       2.86 kg (6.31 b)         Weight with puckaging [kg(b)]       3.83 kg (8.41 b)         Typical power communition [W]       3.6.6 W         Typical power communition [W]       3.6.6 W         Maximum power communition [W]       121.47 BTU/hour         Maximum power communition [W]       Not providing the PGE function. 53.2 W         Maximum hoot dissipation [BTU/hour]       Not providing the PGE function. 181.52         MTHF [year]       58.68 year         MTHF [pow]       2 boor         Availability       -0.99999         Note at normal kenyeritative (accusite poweer)       50 dB(A)         Number of non-making temperature (accusite poweer)       38.2 dB(A)         (BRA)]       -0.99999         Nature of non-making       32.2 dB(A)         (BRA)]       -0.99999         Nature of non-making       0         Number of non-making       -0         Number of non-making       2         Relaridant power supply       Nat supported         Long-term operating temperature [PC(F)]       -5°C to +5°C (23°F to 13°D (13°D		90.0 mm x 550.0 mm x 360.0 mm (3.54 in. x 21.65 in. x 14.17 in.)
Weight with produing (Egith)       3.83 kg (8.44 lb)         Typical poor communitien (W)       3.55 W         Typical how communitien (W)       3.55 W         Typical how communitien (W)       121.47 BTU/how         Maximum power communitien (W)       100% Poil (social, 53.2 W) (Poil: Sol W)         Maximum hort dissipation (BTU/how)       Not providing the Poil: function: 18.52         MTBF [poir]       58.68 year         MTTR (how)       2 boar         Availability       >0.099999         Noise at normal temperature (acoustic pressure)       38.2 dB(A)         (B(A))       50 dB(A)         Number of and lots       0         Number of and lots       2         Readmath power support       -5% to 150°C (23°F to 122°F) at an aduate of 0-1800 m (0-5906 fL).         Readmath power support       -5% to 150°C (23°F to 122°F) at an aduate of 0-1800 m (0-5906 fL).         Readmath power support       -5% to 150°C (23°F to 122°F) at an aduate of 0-1800 m (0-5906 fL).         Readmath power support       -5% to	Chassis height [U]	1 U
Typical power consumption [W]       35.6 W         Typical heat dissipation [BTU/hour]       121.47 BTU/hour         Maximum power consumption [W]       Not providing the PoE function: 53.2 W         Maximum heat dissipation [BTU/hour]       Not providing the PoE function: 51.2 W         Maximum heat dissipation [BTU/hour]       Not providing the PoE function: 181.52         MTBE [year]       58.68 year         MTBE [year]       58.68 year         MTBE [year]       50 dB(A)         Noise at normal temperature (acoustic prover) (BB(A)]       50 dB(A)         Number of card dots       0         Number of fus modules       2         Relaminant prover supply       Ast supported         Not supported       5.5° to 459°C (33°F to 122°F) at an abitized of 0.1800 m (0.5906 fb.)         Number of fus modules       2         Relaminant prover supply       -5°C to 459°C (33°F to 122°F) at an abitized of 0.1800 m (0.5906 fb.)         Start term operating temperature [°C(F)]       -5°C to 459°C (33°F to 122°F) at an abitized of 0.1800 m (0.5906 fb.)         Start term operating temperature [°C(F)]       -5°C to 459°C (122°F to 131°F) at an abitized of 0.1800 m (0.5906 fb.)         Relaminant prover supply       Not supported the normal operating temperature radices by 1°C (18°F to 131°F) at an abitized of 0.1800 m (0.5906 fb.) <td>Weight without packaging [kg(lb)]</td> <td>2.86 kg (6.31 lb)</td>	Weight without packaging [kg(lb)]	2.86 kg (6.31 lb)
Typical heat dissipation [IPTU/hour]   12.L47 IPTU/hour     Maximum poor consumption [W]   Not providing the Poli function: 53.2 W 100% PolE loads: 433.2 W (Pole: 380 W)     Maximum bert dissipation [BTU/hour]   Not providing the Poli function: 181.52 100% PolE loads: 1478.12     MTBF [sur]   58.68 year     MTR [borj]   2 hoor     Availability   -0.09999     Noise at normal temperature (acoustic prover) (BIAA]   50.68 (A) (BIAA]     Noise at normal temperature (acoustic prover) (BIAA]   50.68 (A) (BIAA]     Number of cand slots   0     Number of fam modules   2     Redundant prover slots   0     Number of fam modules.   2     Redundant prover slots   0     Shot sterm operating temperature [C(TF)]   -5°C to +59°C (22°F to 12°F) at an altitude of 0+1800 m (0-5906 ft.)     Shot sterm operating temperature [C(TF)]   -5°C to +55°C (23°F to 13°F) at an altitude of 0+1800 m (0-5906 ft.)     Shot sterm operating temperature [C(TF)]   -5°C to +55°C (23°F to 13°F) at an altitude of 0+1800 m (0-5906 ft.)     Restriction on the operating temperature (vertice) at a temperature of over 50°C (12°F) consecutively for at most 96 hours in one year. The equipment operature of over 50°C (12°F) for a stud of nones than 160 hours in one year. The equipment operature of over 50°C (12°F) for a stud of nones than 160 hours in one year. The equipment operature of over 50°C (12°F) for a stud of nones than 160 hours in one year. The equipment operature of over 50°C (12°F)	Weight with packaging [kg(lb)]	3.83 kg (8.44 lb)
Maximum power consumption [W]     Not providing the PoE function: \$3.2 W       Maximum heat dissipation [BTU/hour]     Not providing the PoE function: \$18.52       MTBF [year]     58.66 year       MTTR [hour]     2 hear       Availability     -0.99999       Noise at normal temperature (acountic power)     50 dB(A)       [dR(A)]     -0.99999       Noise at normal temperature (acountic power)     50 dB(A)       [dR(A)]     -0.99999       Noise at normal temperature (acountic power)     50 dB(A)       [dR(A)]     -0.99999       Noise at normal temperature (acountic power)     50 dB(A)       [dR(A)]     -0.99999       Number of and alots     0       Number of power alots     0       Number of finas modules     2       Redundant power samply     Not supported       Long-term operating temperature [°C(P)]     -5°C to +50°C (23°F to 131°F) at an alittake of 0-1800 m (0-5906 ft.)       Short-term operating temperature [°C(P)]     -5°C to +50°C (23°F to 131°F) at an alittake increases by 21°C (12°F) for a short-term period, but the following conditions must be met.       The equipment operates at a temperature of over 50°C (122°F) for a short-term period, but the following conditions must be met.       The equipment operates at a tempe	Typical power consumption [W]	35.6 W
Maximum power consamption [W]       10% PDE loads: 433.2 W (PdE: 380 W)         Maximum heat dissipation [BTU/hour]       Not providing the PdE function: 181.52 100% PDE loads: 1475.12         MTBF [year]       58.68 year         Availability       >0.99999         Nots or normal temperature (scossite pressure) [dB(A)]       >0.016 (A)         Nots or normal temperature (scossite pressure) [dB(A)]       >38.2 dB(A)         Number of card dots       0         Number of card dots       0         Number of card dots       0         Number of finas modules       2         Redundant power storts       0         Number of finas modules       2         Redundant power storts       0         Stort finas modules       2         Redundant power storts       0         Store toffic (2)*F to 122*F) at an altitude of 0.1800 m (0	Typical heat dissipation [BTU/hour]	121.47 BTU/hour
Interface   10% Fol Look: 332 W (PE: 380 W)     Maximum heat dissipation (BTU/hour)   Not providing the PoF function: 181.52     MTBF [year]   58.68 year     MTTR [hour]   2 hour     Availability   20.99999     Noise at normal temperature (acoustic power)   50 dB(A)     (dB(A)]   50 dB(A)     Number of and slots   0     Number of and slots   2     Redmain power supply   Not apported     Long term operating temperature ("C(F))   -9°C to +50°C (23°F to 127°F) at an altitude of 0.1800 m (0.5906 ft.)     Short-term operating temperature ("C(F))   -9°C to +50°C (23°F to 127°F) at an altitude of 0.1800 m (0.5906 ft.)     Short-term operating temperature ("C(F))   -9°C to +50°C (23°F to 127°F) at an altitude of 0.1800 m (0.5906 ft.)     Short-term operating temperature ("C(F))   -9°C to +50°C (23°F to 127°F) at an altitude of 0.1800 m (0.5906 ft.)     Redinction on the operating temperature ("C(F))   -9°C to +50°C (23°F to 127°F) at an altitude of 0.1800 m (0.5906 ft.)     Redinicit power   -9°C to +50°C (23°F to 127°F) at an altitude of 0.1800 m (0.5906 ft.)     Redinicit power apply   Not apported     Long-term operating temperature ("C(F))   -9°C to +50°C (23°F to 131°F) at an altitude of 0.1800 m (0.5906 ft.) <		Not providing the PoE function: 53.2 W
Maximum heat dissipation [BTU/hour]       100% PoE loads: 1478.12         MTBF [your]       58.68 year         MTTR [hour]       2 hour         Availability       >0.99999         Noise at normal temperature (acoustic power) [dR(A)]       50.dB(A)         Noise at normal temperature (acoustic power) [dR(A)]       50.dB(A)         Noise at normal temperature (acoustic power) [dR(A)]       50.dB(A)         Number of card slots       0         Number of and slots       0         Number of power slots       0         Number of power slots       0         Number of power slots       0         Short-term operating temperature [°C(F)]       -5°C to +50°C (23°F to 122°F) at an altitude of 0-1800 m (0-5906 ft.)         Short-term operating temperature [°C(F)]       -5°C to +55°C (23°F to 122°F) at an altitude of 0-1800 m (0-5906 ft.)         Short-term operating temperature [°C(F)]       -5°C to +55°C (23°F to 122°F) at an altitude of 0-1800 m (0-5906 ft.)         Power slots       Charge care operate beyond the normal operating temperature range for a short-term period, but the tollowing conditions mate be met: The equipment operates at a temperature of over 50°C (122°F) for a total of no more than 360 boors in our year. The equipment operates at a temperature of over 50°C (122°F) for a total of no more than 360 boors in our year. The equipment operates at a temperature of over 50°C (122°F) for a total of no mor	Maximum power consumption [W]	100% PoE loads: 433.2 W (PoE: 380 W)
MTBF [year]     58.68 year       MTTR [bour]     2 bour       Availability     >0.99999       Noise at normal temperature (acoustic power)     50 dB(A)       [dB(A)]     50 dB(A)       Noise at normal temperature (acoustic power)     58.2 dB(A)       [dB(A)]     38.2 dB(A)       Number of card slots     0       Number of and slots     0       Number of fans modules     2       Redundant power supply     Not supported       Long-term operating temperature [°C(F)]     -5°C to +50°C (23°F to 131°F) at an altitude of 0-1800 m (0-5906 fL)       Shert-term operating temperature [°C(F)]     -5°C to +55°C (23°F to 131°F) at an altitude of 0-1800 m (0-5906 fL).       Shert-term operating temperature [°C(F)]     -5°C to +55°C (23°F to 131°F) at an altitude of 0-1800 m (0-5906 fL).       The equipment can operate byood the normal operating temperature reduces by 1°C (1.8°F every time the altitude in 1800.5000 m (990-16404 fL), the highest operating temperature reduces by 1°C (1.8°F every time the altitude inforceases by 220 m (722 fL).       The equipment operates at a temperature of over 50°C (122°F) for a total of no more than 360 hours in one year.       The equipment operates at a temperature of over 50°C (122°F) for a total of no more than 360 hours in one year.       The equipment operates at a temperature of over 50°C (122°F) for a total of no more than 360 hours in	Maximum heat dissipation [BTU/hour]	
MTR [bor]       2 hour         Availability       >0.99999         Noise at normal temperature (acoustic power)       50 dB(A)         (dB(A)]       50 dB(A)         Noise at normal temperature (acoustic pressure)       58.2 dB(A)         [dB(A)]       88.2 dB(A)         Number of card alors       0         Number of adors       0         Number of fans modules       2         Redundant power slots       0         Long-sterm operating temperature (C(TF))       -5°C to +50°C (23°F to 12°TF) at an altitude of 0-1800 m (0-5906 fL)         Short-term operating temperature [°C(TF)]       -5°C to +55°C (23°F to 131°TF) at an altitude of 0-1800 m (0-5906 fL)         Short-term operating temperature [°C(TF)]       -5°C to +55°C (23°F to 131°TF) at an altitude of 0-1800 m (0-5906 fL)         Short-term operating temperature [°C(TF)]       -5°C to +55°C (23°F to 131°TF) at an altitude of 0-1800 m (0-5906 fL)         Short-term operating temperature [°C(TF)]       -5°C to +55°C (23°F to 131°TF) at an altitude of 0-1800 m (0-5906 fL)         The equipment operate st at temperature and operate beyond the noneit operate stat temperature range for a short-term period, but the following conditions must be met:         The equipment operates at a temperature of over 50°C (122°F) for a nose than 360 hours in one year.         The equipment operates at a temperature is lower tha	-	
Availability     >-0.99999       Noise at normal temperature (acoustic power) [dB(A)]     \$0 dB(A)       Noise at normal temperature (acoustic pressure) [dB(A)]     \$38.2 dB(A)       Number of eard slots     0       Number of eard slots     0       Number of nam modules     2       Redundant power slots     0       Number of nam modules     2       Redundant power slots     0       Nonserting temperature [°C(°F)]     -5°C to -5°C (23°F to 122°F) at an altitude of 0-1800 m (0-5906 ft.)       Short-term operating temperature [°C(°F)]     -5°C to -5°C (23°F to 122°F) at an altitude of 0-1800 m (0-5906 ft.)       Short-term operating temperature [°C(°F)]     -5°C to -5°C (23°F to 122°F) at an altitude of 0-1800 m (0-5906 ft.)       Restriction on the operating temperature [°C(°F)]     -5°C to -5°C (23°F to 12°F) at an altitude of 0-1800 m (0-5906 ft.)       Restriction on the operating temperature variant operates at a temperature of over 50°C (122°F) consecutively for at most 96 hours in one year. The equipment operates at a temperature of over 50°C (122°F) for a total of no more than 360 hours in one year. The equipment operates at a temperature of over 50°C (122°F) for a total of no more than 360 hours in one year. The equipment operates at a temperature of over 50°C (122°F) for no more in 15 times in one year. The equipment operates at a temperature of over 50°C (122°F) for no more in 15 times in one year. The equipment aperates at a temperature of over 50°C (122°F) for no more in 15	MTBF [year]	58.68 year
Noise at normal temperature (acoustic power) (dB(A)     50 dB(A)       Noise at normal temperature (acoustic pressure) (dB(A)]     38.2 dB(A)       Number of card slots     0       Number of card slots     0       Number of fans modules     2       Redundant power slots     0       Number of fans modules     2       Redundant power supply     Not supported       Long-term operating temperature [°C(°F)]     -5°C to +50°C (23°F to 131°F) at an altitude of 0-1800 m (0-5906 fL)       Short-term operating temperature [°C(°F)]     -5°C to +55°C (23°F to 131°F) at an altitude of 0-1800 m (0-5906 fL)       Short-term operating temperature [°C(°F)]     -5°C to +55°C (23°F to 131°F) at an altitude of 0-1800 m (0-5906 fL)       The equipment operates by 220 m (722 fL).     The equipment operates by 220 m (722 fL).       The equipment operates at a temperature of over 50°C (122°F) for a total of no more than 360 hours in one year.       The equipment operates at a temperature of over 50°C (122°F) for no more in 15 times in one year.       The equipment operates at a temperature of over 50°C (122°F) for no more in 15 times in one year.       The equipment operates at a temperature of over 50°C (122°F) for no more in 15 times in one year.       The equipment operates at a temperature of over 50°C (122°F) for no more in 15 times in one year.       The equipiment operates at a temperature of over 50°	MTTR [hour]	2 hour
[dB(A)]     50 dB(A)       Noise at normal temperature (acoustic pressure)     38.2 dB(A)       [dB(A)]     38.2 dB(A)       Number of card slots     0       Number of power slots     0       Number of fans modules     2       Redundant power supply     Not supported       Long-term operating temperature [°C(°F)]     -5°C to +50°C (23°F to 121°F) at an altitude of 0-1800 m (0-5906 ft.)       Short-term operating temperature [°C(°F)]     -5°C to +55°C (23°F to 131°F) at an altitude of 0-1800 m (0-5906 ft.)       Short-term operating temperature [°C(°F)]     -5°C to +55°C (23°F to 131°F) at an altitude of 0-1800 m (0-5906 ft.)       Restriction on the operating temperature [°C(°F)]     -5°C to +55°C (23°F to 131°F) at an altitude of 0-1800 m (0-5906 ft.)       Restriction on the operating temperature variation rate [°C(°F)]     -5°C to +55°C (23°F to 131°F) at an altitude of 0-1800 m (0-5906 ft.)       Restriction on the operating temperature variation rate [°C(°F)]     The equipment cano perate beyond the normal operating temperature reduces by 1°C (1.5°F every time the altitude increases by 220 m (722 ft.).       The equipment operates at a temperature of over 50°C (122°F) for a total of no more than 360 hours in one year.       The equipment operates at a temperature of over 50°C (122°F) for no more in 15 times in one year.       The equipment cannot start when the temperature is lower than 0°C (32°F). The maximum distance of o	Availability	>0.99999
[dB(A)]     38.2 dB(A)       Number of card slots     0       Number of power slots     0       Number of fans modules     2       Redundant power supply     Not supported       Long-term operating temperature [°C(°F)]     -5°C to +50°C (23°F to 122°F) at an altitude of 0-1800 m (0-5906 ft.)       Short-term operating temperature [°C(°F)]     -5°C to +55°C (23°F to 131°F) at an altitude of 0-1800 m (0-5906 ft.)       Short-term operating temperature [°C(°F)]     -5°C to +55°C (23°F to 131°F) at an altitude of 0-1800 m (0-5906 ft.)       Restriction on the operating temperature [°C(°F)]     -5°C to +55°C (23°F to 131°F) at an altitude of 0-1800 m (0-5906 ft.)       The equipment can operate beyond the normal operating temperature reduces by 1°C (1.8°F every time the altitude increases by 220 m (722 ft.).       The equipment operates at a temperature of over 50°C (122°F) consecutively for at most 96 hours in one year.       The equipment operates at a temperature of over 50°C (122°F) for no more in 15 times in one year.       The equipment operates at a temperature of over 50°C (122°F) for no more in 15 times in one year.       The equipment operates at a temperature of over 50°C (122°F) for no more in 15 times in one year.       The equipment operates at a temperature of over 50°C (122°F) for no more in 15 times in one year.       The equipment operates at a temperature of over 50°C (122°F) for no more in 15 times in one year.       The equipmen		50 dB(A)
Number of power slots       0         Number of fans modules       2         Redundant power supply       Not supported         Long-term operating temperature [°C(°F)]       -5°C to +50°C (23°F to 122°F) at an altitude of 0-1800 m (0-5906 ft.)         Short-term operating temperature [°C(°F)]       -5°C to +55°C (23°F to 131°F) at an altitude of 0-1800 m (0-5906 ft.)         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 equipment can operate beyond the normal operating temperature range for a short-term period, but the following conditions must be met:         Restriction on the operating temperature variation rate [°C(°F)]       The equipment operates at a temperature of over 50°C (122°F) for a total of no more than 360 hours in one year.         The equipment operates at a temperature of over 50°C (122°F) for no more in 15 times in one year.       The equipment operates at a temperature of over 50°C (122°F) for no more in 15 times in one year.         The equipment operates at a temperature of over 50°C (122°F). The maximum distance of optics modules used in these conditions cannot exceed low.       The equipment operates at a temperature is lower than 0°C (32°F). The maximum distance of optics modules used in these conditions cannot exceed lo km.         Storage temperature [°C(°F)]       -40°C to +70°C (-40°F to +158°F)       Long-term operating relative humidity [RH]         S% to 95%, noncondensing       0-5000 m (0-16404 ft.)		38.2 dB(A)
Number of fans modules       2         Redundant power supply       Not supported         Long-term operating temperature [°C(°F)]       -5°C to +50°C (23°F to 122°F) at an altitude of 0-1800 m (0-5906 ft.)         Short-term operating temperature [°C(°F)]       -5°C to +55°C (23°F to 131°F) at an altitude of 0-1800 m (0-5906 ft.)         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 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 equipment can operate beyond the normal operating temperature range for a short-term period, but the following conditions must be met:         The equipment operates at a temperature of over 50°C (122°F) for a total of no more than 360 hours in one year.         The equipment operates at a temperature of over 50°C (122°F) for no more in 15 times in one year.         The equipment operates at a temperature of over 50°C (122°F) for no more in 15 times in one year.         The equipment operates at a temperature of over 50°C (122°F). The maximum distance of optice modules used in these conditions cannot exceed 10 km.         Storage temperature [°C(°F)]       -40°C to +70°C (-40°F to +158°F)         Long-term operating altitude [m(ft.)]       0-5000 m (0-16404 ft.)         Storage altitude [m(ft.)]       0-5000 m (0-16404 ft.)	Number of card slots	0
Redundant power supply     Not supported       Long-term operating temperature [°C(°F)]     -5°C to +50°C (23°F to 122°F) at an altitude of 0-1800 m (0-5906 ft.)       Short-term operating temperature [°C(°F)]     -5°C to +55°C (23°F to 131°F) at an altitude of 0-1800 m (0-5906 ft.)       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 equipment can operate beyond the normal operating temperature range for a short-term period, but the following conditions must be met:       The equipment operates at a temperature of over 50°C (122°F) for a total of no more than 360 hours in one year.       The equipment operates at a temperature of over 50°C (122°F) for no more in 15 times in one year.       The equipment anay be damaged or experience unexpected exceptions if any of the preceding limits is exceeded.       The equipment cannot start when the temperature is lower than 0°C (32°F). The maximum distance of opticar modules used in these conditions cannot exceed 10 km.       Storage temperature [°C(°F)]     -40°C to +70°C (40°F to +158°F)       Long-term operating nelative humidity [RH]     5% to 95%, noncondensing       Long-term operating altitude [m(ft.)]     0-5000 m (0-16404 ft.)	Number of power slots	0
Long-term operating temperature [°C(°F)]     -5°C to +50°C (23°F to 122°F) at an altitude of 0-1800 m (0-5906 ft.)       Short-term operating temperature [°C(°F)]     -5°C to +55°C (23°F to 131°F) at an altitude of 0-1800 m (0-5906 ft.)       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 equipment can operate beyond the normal operating temperature range for a short-term period, but the following conditions must be met:       The equipment operates at a temperature of over 50°C (122°F) consecutively for at most 96 hours in one year.       variation rate [°C(°F)]     The equipment operates at a temperature of over 50°C (122°F) for no more in 15 times in one year.       The equipment operates at a temperature of over 50°C (122°F) for no more in 15 times in one year.     The equipment may be damaged or experience unexpected exceptions if any of the preceding limits is exceeded.       The equipment cannot start when the temperature is lower than 0°C (32°F). The maximum distance of opticar modules used in these conditions cannot exceed 10 km.       Storage temperature [°C(°F)]     -40°C to +70°C (-40°F to +158°F)       Long-term operating altitude [m(ft.)]     0-5000 m (0-16404 ft.)	Number of fans modules	2
Short-term operating temperature [°C(°F)]     -5°C to +55°C (23°F to 131°F) at an altitude of 0-1800 m (0-5906 ft.)       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 equipment can operate beyond the normal operating temperature range for a short-term period, but the following conditions must be met:       The equipment operates at a temperature of over 50°C (122°F) consecutively for at most 96 hours in one year.       The equipment operates at a temperature of over 50°C (122°F) for a total of no more than 360 hours in one year.       The equipment operates at a temperature of over 50°C (122°F) for no more in 15 times in one year.       The equipment operates at a temperature of over 50°C (122°F) for no more in 15 times in one year.       The equipment operates at a temperature is lower than 0°C (32°F). The maximum distance of optics modules used in these conditions cannot exceed 10 km.       Storage temperature [°C(°F)]     -40°C to +70°C (-40°F to +158°F)       Long-term operating network limit(r(ft.)]     0-5000 m (0-16404 ft.)       Storage altitude [m(ft.)]     0-5000 m (0-16404 ft.)	Redundant power supply	Not supported
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Restriction on the operating temperature     every time the altitude increases by 220 m (722 ft.).       The equipment can operate beyond the normal operating temperature range for a short-term period, but the following conditions must be met:       The equipment operates at a temperature of over 50°C (122°F) consecutively for at most 96 hours in one year.       The equipment operates at a temperature of over 50°C (122°F) for no more in 15 times in one year.       The equipment operates at a temperature of over 50°C (122°F) for no more in 15 times in one year.       The equipment operates at a temperature of over 50°C (122°F) for no more in 15 times in one year.       The equipment may be damaged or experience unexpected exceptions if any of the preceding limits is exceeded.       The equipment cannot start when the temperature is lower than 0°C (32°F). The maximum distance of optics modules used in these conditions cannot exceed 10 km.       Storage temperature [°C(°F)]     -40°C to +70°C (-40°F to +158°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.)	Short-term operating temperature [°C(°F)]	-5°C to +55°C (23°F to 131°F) at an altitude of 0-1800 m (0-5906 ft.)
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Storage temperature [°C(°F)]     -40°C to +70°C (-40°F to +158°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.)		The equipment may be damaged or experience unexpected exceptions if any of the preceding limits is exceeded. The equipment cannot start when the temperature is lower than 0°C (32°F). The maximum distance of optic
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.)	Storage temperature [°C(°F)]	
Long-term operating altitude [m(ft.)]       0-5000 m (0-16404 ft.)         Storage altitude [m(ft.)]       0-5000 m (0-16404 ft.)		
Storage altitude [m(ft.)]       0-5000 m (0-16404 ft.)		-



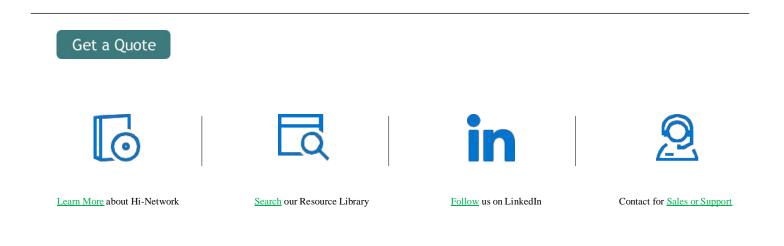
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## Datasheet



Deted investment (17)	AC input: 100 V AC to 240 V AC, 50/60 Hz
Rated input voltage [V]	High-Voltage DC input: 240 V DC
Input voltage range [V]	AC input: 90 V AC to 290 V AC, 45 Hz to 65 Hz
input vonage range [v]	High-Voltage DC input: 190 V DC to 290 V DC
Maximum input current [A]	6 A
Memory	512 MB
Flash memory	512 MB
Console port	RJ45
Eth Management port	Not supported
USB	Not supported
RTC	Not supported
RPS input	Not supported
Service port surge protection [kV]	Common mode: ±7 kV
Power supply surge protection [kV]	$\pm 6$ kV in differential mode, $\pm 6$ 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	Supported
	EMC certification
Certification	Safety certification
	Manufacturing certification

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## Datasheet

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