

ES1300 Series

Rack Mounting

18/26-Port Full Gigabit Unmanaged Ethernet Switch

- Support 16/24 Gigabit copper ports
- Support 2 Gigabit SFP slots
- Support flow control, which can avoid packet loss caused by network congestion
- Support 220VAC/DC (100~240VAC/DC)
- Support -10~45°C wide operating temperature range



Introduction

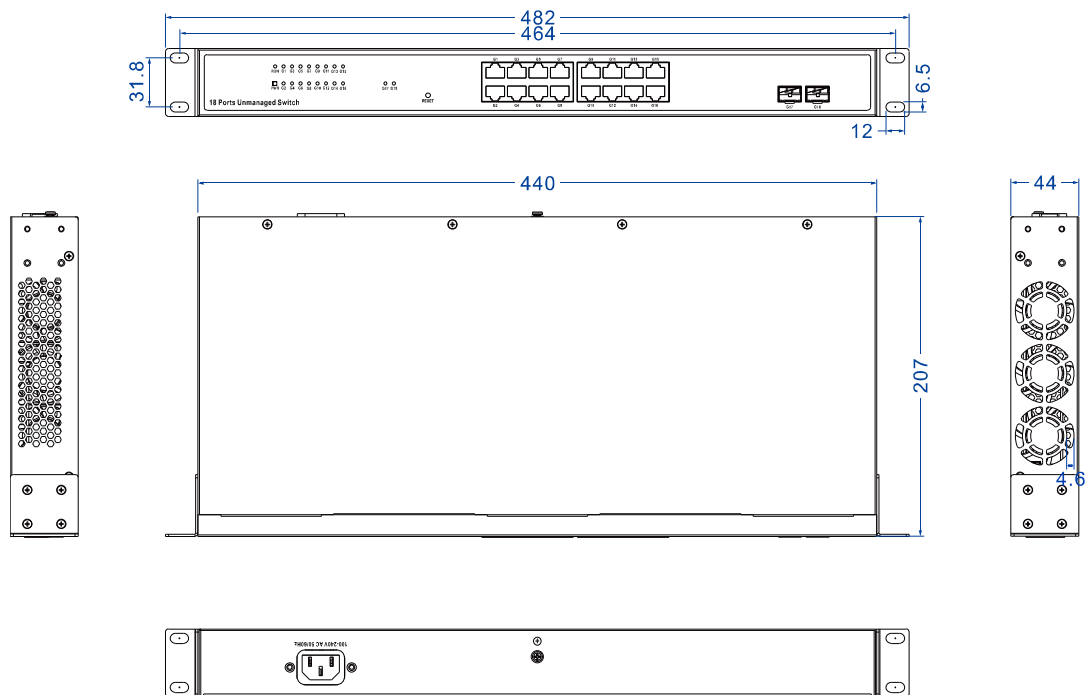
The ES1300 series is an 18/28 port full Gigabit unmanaged Ethernet switch. This series provides 2 products and support a variety of interfaces including Gigabit copper ports, and Gigabit SFP slots. They adopt desktop/wall/rack mounting to meet the requirements of different application scenes.

All products in this series adopt fanless, low power consumption, wide temperature and voltage design, and have passed rigorous industrial standard tests, which can suit for the scene environment with harsh requirements for EMC. It can be widely used in smart city, safety city, new energy, intelligent manufacturing and other fields.

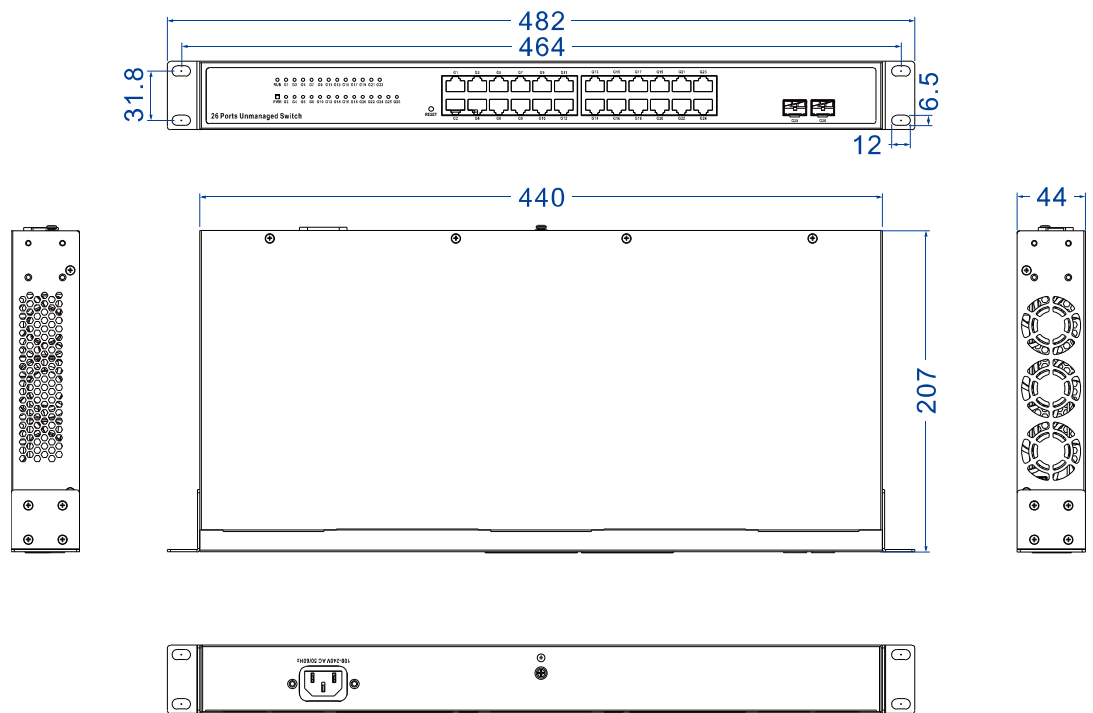
Dimension

Unit: mm

- ES1300-16GT2GS-HV



- ES1300-24GT2GS-HV



Specification

Standard & Protocol	<p>IEEE 802.3 for 10Base-T</p> <p>IEEE 802.3u for 100Base-TX</p> <p>IEEE 802.3ab for 1000Base-TX</p> <p>IEEE 802.3z for 1000Base-X</p> <p>IEEE 802.3x for Flow Control</p>
Interface	<p>Gigabit copper port: 10/100/1000Base-T(X), RJ45, Automatic Flow Control, Full/Half Duplex Mode Self-adaption, MDI/MDI-X Autotuning</p> <p>Gigabit SFP: 1000Base-X SFP slot</p>
Indicator	Power indicator, Interface indicator, RUN indicator
Switch property	<p>Transmission mode: store and forward</p> <p>MAC address: 8K</p> <p>Cache: 4.1Mbits</p> <p>Backplane bandwidth: 56G</p>
Power Supply	<p>Power input: 220VAC/DC</p> <p>Connection mode: three-phase socket</p>

	Model	No-load	Full-load
Power Consumption	ES1300-16GT2GS-HV	3W@220VAC	10W@220VAC

ES1300-24GT2GS-HV 5.5W@220VAC 15.5W@220VAC

<p>Working Environment</p>	<p>Operating temperature: -10~45°C Storage temperature: -10~45°C Relative humidity: 5%~95% (no condensation)</p>
<p>Physical Characteristic</p>	<p>Housing: IP20 protection grade AC product installation: rack mounting Dimension (W x H x D): 440mm×44mm×207mm (lugs are not included) Weight:< 2705g</p>
<p>AC Product Industrial Standard</p>	<p>IEC 61000-4-2 (ESD, electrostatic discharge), Level 3</p> <ul style="list-style-type: none"> ● Air discharge: ±8kV ● Contact discharge: ±6kV <p>IEC 61000-4-5 (Surge), Level 3</p> <ul style="list-style-type: none"> ● Ethernet port: common mode ±2kV, differential mode ±1kV ● Power port: common mode ±2kV, differential mode ±1kV <p>IEC 61000-4-4 (EFT, electrical fast transient pulses), Level 3</p> <ul style="list-style-type: none"> ● Power supply interface: ±2kV ● Ethernet port: ±1kV <p>Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6</p>
<p>Authentication</p>	<p>CE, FCC, RoHS</p>
<p>Warranty</p>	<p>3 years</p>



Ordering Information

Model	Gigabit Copper Port	Gigabit SFP Slot	Power Supply
ES1300-16GT2GS-HV	16	2	220VAC/DC
ES1300-24GT2GS-HV	24	2	(100~240VAC/DC)



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