

10GbE

40GbE with stacking

SD card boot

Redundant Power Supply

Replaceable Fan

Triple/Step authentication

Industrial standard CLI

ZEQUO 4600RE (PN36241L)



SD card

SFP

SFP+

<Main feature>

- 10/100/1000T port: 20 ports
- 10/100/1000T and SFP combo port: 4 ports
- SFP+ slot: 4 slots
- Stacking connection (up to 4 units)
- Static Routing
- RIP v1/v2
- Ring protocol
- STP/RSTP/MSTP
- QoS
- Link Aggregation
- ACL
- Dynamic VLAN
- Guest VLAN

- Tag VLAN
- Port VLAN
- IEEE 802.1X/WEB authentication/ MAC authentication
- Triple/Step authentication

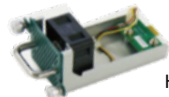
The modules achieve stable network.

Extensive authentication methods protect against the threat of unauthorized connections



Replaceable fan

Redundant Power Supply



Hot swap



Hot swap

Two fan modules are equipped as default.

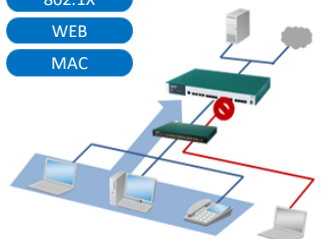
One power module is equipped as default. Redundancy is achieved with adding an optional power module.

Triple authentication

Step authentication

Authentication methods

- 802.1X
- WEB
- MAC



Per-port multiple authentication method is supported. You can flexibly build network with various OSs and devices.

Authentication methods

- 802.1X
- WEB

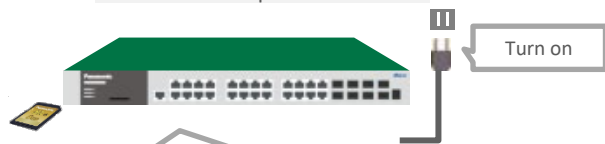


Stepwise user authentication and device authentication(2-factor authentication)

SD card boot

Setup methods and inspection support operation

PC-less replacement



Insert SD card

Configuration file: sd_config.cfg
Firmware: sd_runtime.rom

It loads the files in SD card prior to the files in equipment.

*If SD card is not set always, you need to copy each file from SD card to equipment so that these become boot file

*File names in SD card must be as above.

Industrial standard CLI

CLI is close to industrial standard. e.g., help(complement), history, configuration modes, etc.

Setup via GUI

Web interface is available for configuration.



Full inspection

We conduct inspection of communication for all ports of all products before shipment



*Specifications or appearance of this product are subject to change without notice.



Product name	ZEQUO 4600RE
Product number	PN36241L
Port	10/100/1000BASE-T: 24 ports SFP+ expansion slot: 4 slots
SD card slot	Yes(1 slot)
Stacking	Yes(Up to 4unit/Max.80Gbps/Topology: Chain, Ring)
Fan module slot	2 slots(Hot swap) Two fan modules are equipped as default.
Power module slot	2 slots(Hot swap) One power module is equipped as default.
Cascade connection	All UTP ports automatically select MDI/MDI-X accordingly.
Auto negotiation	Yes
Packet transmission	Store and Forward
Switching capacity	288Gbps
MAC address table	32K
Packet buffer	4MB
VLAN	IEEE802.1Q VLAN tagging Private VLAN MAC address based VLAN Subnet based VLAN Protocol based VLAN Asymmetric VLAN Voice VLAN Dynamic VLAN Guest VLAN
Flow control	Yes(Full duplex IEEE802.3x)
IGMP snooping	Yes(IGMP v1/v2/v3)
Spanning tree	STP/RSTP/MSTP
BPDU guard	Yes
Link aggregation	Up to 48 groups(Up to 8 ports per group)
Security	IEEE 802.1X(Port based/MAC based authentication) MAC authentication Web authentication Triple authentication Step authentication
QoS	IEEE802.1p (Queue: 8 steps, scheduling: PQ/WRR/WDRR)
Routing protocol	Static RIP(V1/V2)
Routing table	Static: 256(IPv4), 128(IPv6) / Dynamic: 12K(IPv4), 6K(IPv6)
VRRP	Yes(Up to 256 virtual router)
ACL	Yes(Parameter: 802.1p priority/VLAN/MAC address/Ether Type/IP address/DSCP/Protocol Type/TCP/UDP port)
DHCP	DHCPv4 server DHCPv6 server DHCP relay(IPv4/v6)
DHCP snooping	Yes
Management	SNMP(v1/v2c/v3) RMON Telnet server SSH(v2) Web
IPv6	Yes
Mirroring	Yes
Loop detection/Shut-off	Yes
Power supply	AC100V 50/60Hz
Power consumption(Max./Min.)	30.7W / 46.8W with one power module 34.7W / 51.2W with two power modules
Operating temperature	0-45 °C
Storage environment	Temperature: -20-70 °C Humidity: 10-90%RH(no condensation)
Size(mm)	H44 x W440 x D312
Weight	5,000g with one power module 5,600g with two power modules
Accessories	Installation Guide, Rubber foot, Rack mount bracket for 19-inch rack, Screws for rack mount bracket, Power module, Power module blank panel, Fan module, 40G Direct Attach Cable, Dummy SD card, Power cord

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■ Options



<SFP module>

- SFP 1000BASE-SX (PN54021K)
- SFP 1000BASE-LX (PN54023K)



<SFP+ module>

- 10GBASE-SR SFP+ Module (PN59021)
- 10GBASE-LR SFP+ Module (PN59023)

Contents of this document is as of October 2022.