

CERIO Enterprise Switch Comparison list

Type	19" Rack mount Support							
	Gigabit Pure Base		Gigabit with 10Gigabit Mix Base		10Gigabit Pure Base			
Model Name	CS-1224G	CS-2424G A3	CS-2648XG	CS-34816XG	CS-1008TG	CS-1008XG	CS-3008TG	CS-3008XG
Products picture								
Web Management	N/A	V	V	V	N/A	N/A	N/A	N/A
Housing Material	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal
RJ45 Copper Ethernet Port	24 Port(10/100/1000 Mbps)	24 Port(10/100/1000 Mbps)	48 Port(10/100/1000 Mbps)	By Combo Port	8 Port(100M/2.5Gb/5Gb/10Gbps)	N/A	8 Port(100M/2.5Gb/5Gb/10Gbps)	N/A
Fiber Module Type	2 Port LX/SX SFP Gigabit Fiber	4 Port LX/SX SFP Gigabit Fiber Combo	6 Port SFP+ SR, SFP+ LR 10 Gigabit Fiber	24 SFP Gigabit Ports (with 8 Port Combo Gigabit RJ45 Ports) 4 SFP+ 10Gigabit Ports	N/A	8 SFP+ 10Gigabit Ports	N/A	8 SFP+ 10Gigabit Ports
Internal Bus Speed	52Gbps	56Gbps	216Gbps	128Gbps	160Gbps	160Gbps	160Gbps	160Gbps
Total Port	24 + 2 Port	24 + 4 Combo Port (RJ45 / SFP) with 1 x RJ45 Console	48 + 6 Port SFP+ (10Giga)) with 1 x RJ45 Console	16 Port SFP 8 Combo Port(8 Port RJ45 or 8 Port SFP) 4 Port SFP+ (10Giga)) with 1 x RJ45	8 x10Giga RJ45 Port	8 x 10Giga SFP+ Port	8 x10Giga RJ45 Port with 1 x RJ45 Console	8 x 10Giga SFP+ Port with 1 x RJ45 Console
Support 10G Fiber Type	N/A	N/A	SFP+ SR, SFP+ LR	N/A	N/A	SFP+ SR, SFP+ LR	SFP+ SR, SFP+ LR	SFP+ SR, SFP+ LR
MAC Address / Pack Buffer	8K / 4.1Mb	8K / 4Mb	32K / 16Mb	16K / 12Mb	16K / 12Mb	16K / 12Mb	16K / 12Mb	16K / 12Mb
Jumbo frames	N/A	9.6K	9.6K	10K	10K	10K	10K	10K
Standards Specification								
IEEE 802.3u 100Base-TX	V	V	V	V	V	N/A	V	N/A
IEEE802.3ab 1000Base-T	V	V	V	V	V	N/A	V	N/A
IEEE 802.3bz 2.5G/5G BASE-T	V	N/A	N/A	N/A	V	N/A	V	N/A
IEEE 802.3an 10G BASE-T	V	N/A	N/A	N/A	V	N/A	V	N/A
IEEE 802.3ae 10GBASE-X (SFP+)	N/A	N/A	V	V	N/A	V	N/A	V
Layer2 Software management functions								
IPv6 Management Function	N/A	V	V	V	N/A	N/A	V	V
Link Aggregation	N/A	V	V	V	N/A	N/A	V	V
LoopBack	N/A	N/A	N/A	N/A	N/A	N/A	V	V
802.1Q VLAN / VLAN Tag	N/A	V	V	V	N/A	N/A	V	V
IGMP snooping	N/A	V	V	V	N/A	N/A	V	V
Port Mirroring	N/A	V	V	V	N/A	N/A	V	V
Spanning Tree Protocol (STP)	N/A	V	V	V	N/A	N/A	V	V
Rapid Spanning Tree Protocol (RSTP)	N/A	V	V	V	N/A	N/A	V	V
Multiple Spanning Tree Protocol (MSTP)	N/A	V	V	V	N/A	N/A	V	V
SNMP	N/A	V(v1 / v2c / V3 / Trap)	V(v1 / v2c / V3 / Trap)	V(v1 / v2c / V3 / Trap)	N/A	N/A	V(v1 / v2c / V3 / Trap)	V(v1 / v2c / V3 / Trap)
MAC Filter/Static MAC(Binding)	N/A	V	V	V	N/A	N/A	V	V
TCP / UDP Protocol Filte	N/A	V	V	V	N/A	N/A	V	V
Port Isolation/Protected port	N/A	V(Protected port)	V(Protected port)	V(Protected port)	N/A	N/A	V(Protected port)	V(Protected port)
Storm Control	N/A	V	V	V	N/A	N/A	V	V
Bandwidth Control	N/A	V	V	V	N/A	N/A	V	V
802.1p / Port-Based QOS	N/A	V	V	V	N/A	N/A	V	V
DHCP Snooping	N/A	V	V	V	N/A	N/A	V	V
DHCP Relay	N/A	V	V	V	N/A	N/A	V	V
ERPS	N/A	N/A	N/A	V	N/A	N/A	V	V
ACL support	N/A	V	V	V	N/A	N/A	V	V
Web UI Management	N/A	V	V	V	N/A	N/A	V	V
Layer3 Lite Software management functions								
DNS Server	N/A	N/A	N/A	V	N/A	N/A	V	V
DHCP Server	N/A	N/A	N/A	V	N/A	N/A	V	V
IPv4 ARP	N/A	N/A	N/A	V	N/A	N/A	V	V
IPv4 / IPv6 Routing	N/A	N/A	N/A	V	N/A	N/A	V	V
RIP v2	N/A	N/A	N/A	V	N/A	N/A	V	V
OSPF v2	N/A	N/A	N/A	V	N/A	N/A	V	V
VRRP v2	N/A	N/A	N/A	V	N/A	N/A	V	V
Feature & Environment								
LED Loop Detectors	N/A	N/A	N/A	N/A	V	V	N/A	N/A
Loop Automatic Protection	N/A	N/A	N/A	N/A	V	V	N/A	N/A
Surge protection on RJ45 port	N/A	V (6kV protection)	V (6kV protection)	V (6kV protection)	V (6kV protection)	V (6kV protection)	V (6kV protection)	V (6kV protection)
Power Type	Internal power	Internal power	Internal power	Internal power	Internal power	Internal power	Internal power	Internal power
Operating Temperature	0℃to 50℃	0℃to 50℃	0℃to 50℃	0℃to 50℃	0℃to 55℃	0℃to 55℃	0℃to 55℃	0℃to 55℃
Storage Temperature	-40℃ to 70℃	-40℃ to 70℃	-40℃ to 70℃	-40℃ to 70℃	-40℃ to 70℃	-40℃ to 70℃	-40℃ to 70℃	-40℃ to 70℃
Dimension (W x H x D)	441 x 131 x 44 mm	441 x 195 x 44 mm	441 x 270 x 44 mm	440 x 280 x 44 mm	250 x 181 x 44 mm	250 x 181 x 44 mm	250 x 181 x 44 mm	250 x 181 x 44 mm
Weight	1.92kg	2.6Kg	4Kg	3.4Kg	1.3Kg	1.25Kg	1.3Kg	1.14Kg
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