

Alteon Application Switch Series 4 - 5

Product Model Comparison

Features	Alteon 4408	Alteon 4416	Alteon 5412
Available Throughput Licenses	500 Mbps, 1 Gbps, 2 Gbps and 4 Gbps scalable throughput licenses	1 Gbps, 2 Gbps and 4 Gbps scalable throughput licenses	8 Gbps, 12 Gbps, 16Gbps and 20 Gbps scalable throughput licenses
Routing Protocols	OSPF, RIP, RIP II, BGP		
Processor	Intel Core 2 quad-core 2.6GHz	AMD Shanghai quad-core 2.5 GHz	2 AMD Shanghai quad-core 2.5 GHz
Memory	Up to 8GB	Up to 12GB	Up to 32GB
Gigabit/GBIC Ports	2 x Gigabit Fiber Ports 6 x Gigabit Ethernet Ports	4 x Gigabit Fiber Ports 12 x Gigabit Ethernet Ports	4 x 10 Gigabit Fiber Ports 4 x Gigabit Fiber Ports 8 x Gigabit Ethernet Ports
1000Base-SX/LX/ZX Ports	All Gigabit Fiber ports deliver SX/LX/ZX interfaces depending on GBIC		
1000Base-SX (850 nm) Operating Distance	62.5 micron MM fiber .2 m to 275 m 50 micron MM fiber .2 m to 550 m		
1000Base-LX/ZX Operating Distance	LX: Up to 10 km (6.2 mi) ZX: Up to 80 km (49.7 mi)		
USB Port	Yes		
LCD Screen	No	Yes	Yes
RS-232C Console	RJ-45 Serial Connection	DB-9 serial connection Female DCE interface	
Dimensions	1U: Width: 424 mm (17 in) Depth: 457 mm (18 in) Height: 44 mm (1.7 in) EIA Rack or Standalone: 482 mm (19 in)	1U: Width: 424 mm (17 in) Depth: 600 mm (24 in) Height: 44 mm (1.7 in) 2U: Width: 424 mm (17 in) Depth: 600 mm (24 in) Height: 88 mm (3.4 in) EIA Rack or Standalone: 482 mm (19 in)	2U: Width: 424 mm (17 in) Depth: 600 mm (24 in) Height: 88 mm (3.4 in) EIA Rack or Standalone: 482 mm (19 in)
Weight	7.66 kg (16.8 lbs)	1U: 9.1 kg (20 lbs) 2U: 10.66 kg (23.5 lbs)	15.44 kg (34 lbs)
Environmental	Operating temperature: 0-40 °C (32-104 °F) Humidity: 5% to 95% non-condensing		
Power	Auto-range supply: AC: 100-240V, 47-63 Hz DC: -36~-72V Power consumption: Single (AC/DC) power supply: 175W Dual (AC/DC) power supply: 140W Heat dissipation: Single (AC/DC) power supply: 597 BTU/h Dual (AC/DC) power supply: 477 BTU/h	Auto-range supply: AC: 100-240V, 47-63 Hz DC: -36~-72V Power consumption: 270W Heat dissipation: 921 BTU/h Dual power supply (AC/DC) in 2U form	Auto-range supply: AC: 100-240 V, 47-63 Hz DC: -36~-72 V Power consumption: 488 W Heat dissipation: 1664 BTU/h Dual power supply (AC/DC)
Certifications	Safety: EN 60950-1:2006, CB - IEC 60950-1, CCC, cTUVus – cULus EMC: EN 55022, EN 55024, EN 61000-3-2 , EN 61000-3-3 , IEC 61000 4-2 to 4-6 , IEC 61000 4-8 & IEC 61000-4-11, FCC Part 15B Class A, ICES-003, VCCI, C-Tick RoHS 6 Compliant		

Alteon Application Switch Series 2 - 3

Product Model Comparison

Features	3408E	2424E	2424-SSL E	2216E	2208E
Total ports	12	28	28	18	10
10/100 Base-T	-	24	24	16	8
10/100/1000 Base-T	8	-	-	-	-
SFP-GBIC (Fiber or Copper GE)	8	4	4	2	2
IP Routing Interfaces	256	256	256	256	256
Virtual Server Support	1,024	1,024	1,024	1,024	1,024
Real Server Support	1,024	1,024	1,024	1,024	1,024
Policy Filters	2,048	2,048	2,048	2,048	2,048
Concurrent sessions	4M	4M	4M	2M	1M
Layer 7 performance (sessions per second)	51K*	51K*	51K *	30K*	15K*
Layer 4 performance (sessions per second)	110K*	110K*	110K*	40K*	20K*
Integrated SSL acceleration (tps)**	No	No	Base: 300 Max: 1,000	No	No
Dimensions	<ul style="list-style-type: none"> Width: 440 mm (17.3 in) Depth: 508 mm (20 in) Height: 44 mm (1.7 in) 				
Weight	8.1 kg (21 lbs)	8.1 kg (21 lbs)	8.1 kg (21 lbs)	8.1 kg (21 lbs)	8.1 kg (21 lbs)
Environmental	Operating temperature: 0-40 °C (32-104 °F) Humidity: 85% maximum, non-condensing				
AC Power Supply	Auto-range supply: 100-240V, 50-60Hz				
DC Power Supply Option	Yes, auto-range supply: -40~-75V				No
Power Consumption (max)	150W	150W	150W	150W	150W
Heat Dissipation	511.5 BTU/h	511.5 BTU/h	511.5 BTU/h	511.5 BTU/h	511.5 BTU/h
Certifications	EMC: <ul style="list-style-type: none"> USA: FCC Part 15, Subpart B Class A Australia: AS/NZS 3548, Class A Canada: ICES-003 Japan: VCCI Class A Europe: EN55022, Class A Europe: EN55024, with EN61000 Taiwan: BSMI/CNS 13438, Class A Korea: MIC No 2001-116 Rest of World: CISPR 22 Class A & CISPR24 Safety: <ul style="list-style-type: none"> International: IEC 60950 National Deviation per CB Member Countries to IEC 60950 USA: UL 1950 Canada: CSA 22-2, No. 60950-00 Europe: EN 60950 RoHS Compliant				

*"Real-world" testing scenarios with zero session loss

**"Real-world" testing scenarios