
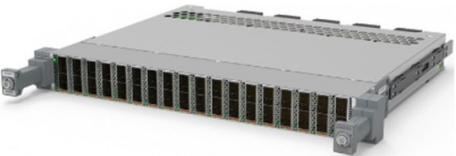



	A	B	C
1		Arista Networks	
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3		+1(408)547-5500 https://www.arista.com/en/	
4		Contact info@arista.com	
5		Product 1 (Low End)	Product 2 (High End)
6	Model	Arista 7804R4	Arista 7816R4 / 7816LR4
7	Overview	High-performance Modular AI/Universal Spine Switch, Compact 10RU form factor	High-performance Modular AI/Universal Spine Switch, Maximum-scale 32RU form factor
8	Picture		
9	Hardware Version	Rev R4	Rev R4
10	DnLink Ports	Up to 192 x 400 GbE / 96 x 800 GbE OSFP-DD (system max)	Up to 1152 x 400 GbE / 576 x 800 GbE OSFP-DD (system max)
11	COMBO Ports	N/A	N/A
12	UpLink Ports	Shared (linecard dependent)	Shared (linecard dependent)
13	Port Standards & Functions	IEEE 802.3 100BASE-X / 1000BASE-X / 10GBASE-R / 25GBASE-R / 40GBASE-R	IEEE 802.3 100BASE-X / 1000BASE-X / 10GBASE-R / 25GBASE-R / 40GBASE-R
14		IEEE 802.3 100GBASE-R, 200GBASE-R, 400GBASE-R, 800GBASE-R	IEEE 802.3 100GBASE-R, 200GBASE-R, 400GBASE-R, 800GBASE-R
15		IEEE 802.3by 25 GbE, 802.3bj 100 GbE Backplane	IEEE 802.3by 25 GbE, 802.3bj 100 GbE Backplane
16		IEEE 802.1p Priority Queues	IEEE 802.1p Priority Queues
17		IEEE 802.1Q VLAN Tagging	IEEE 802.1Q VLAN Tagging
18		IEEE 802.3x Flow Control	IEEE 802.3x Flow Control
19		IEEE 802.1ab LLDP	IEEE 802.1ab LLDP
20		802.3ad Link Aggregation (LACP)	802.3ad Link Aggregation (LACP)
21	802.1ax Link Aggregation Control	802.1ax Link Aggregation Control	
22	802.1D / 802.1w Spanning Tree Protocols	802.1D / 802.1w Spanning Tree Protocols	
23	Network Cables	SMF/MMF based on OSFP-DD/QSFP-DD transceivers	SMF/MMF based on OSFP-DD/QSFP-DD transceivers
24	Duplex Mode	Full Duplex only	Full Duplex only
25	Media Interface Exchange	Auto Negotiation & Optic Detection	Auto Negotiation & Optic Detection
26	Switching Capacity	115 Tbps bidirectional (230 Tbps FDX)	460 Tbps bidirectional (920 Tbps FDX)
27	Packet Forwarding	Up to 43 Bpps	Up to 173 Bpps
28	Transmission Method	Store-and-Forward	Store-and-Forward
29	MAC Address Table	Up to 1.4M+ entries (FlexRoute scalable to 5M+ on R4K)	Up to 1.4M+ entries (FlexRoute scalable to 5M+ on R4K)
30	Static MAC Addresses	Supported via EOS configuration	Supported via EOS configuration
31	Max. 64 Byte Packet Fwd Rate	Up to 43 Bpps	Up to 173 Bpps
32	Packet Buffer Memory	Up to 128 GB dynamic shared (32 GB/linecard typical)	Up to 512 GB dynamic shared (32 GB/linecard typical)
33	Management Interfaces	RJ-45 Console, USB, Out-of-Band Mgmt Port (SFP)	RJ-45 Console, USB, Out-of-Band Mgmt Port (SFP)
34	CPU	Multi-core Intel Xeon (1.9 GHz+, 64 GB+ RAM)	Multi-core Intel Xeon (1.9 GHz+, 64 GB+ RAM)
35	CPU Memory	64 GB+ DDR4	64 GB+ DDR4
36	Flash Memory	256 GB+ SSD	256 GB+ SSD
37	L3 (Layer 3) Routing	Full IPv4/IPv6, OSPF, BGP, IS-IS, EVPN VXLAN (internet-scale, FlexRoute)	Full IPv4/IPv6, OSPF, BGP, IS-IS, EVPN VXLAN (internet-scale, FlexRoute)
38	240/4 Compatibility	EOS 4.32 / CloudVision 2026	EOS 4.32 / CloudVision 2026

	A	B	C
39	Power over Ethernet (PoE)	Arista 7804R4	Arista 7816R4 / 7816LR4
40	PoE Standards	N/A	N/A
41	PoE Capable Ports	N/A	N/A
42	PoE Power Budget	N/A	N/A
43	LEDs	Arista 7804R4	Arista 7816R4 / 7816LR4
44	Power (per device)	Yes	Yes
45	Console (per device)	Yes	Yes
46	Link/Activity/Speed (per port)	Yes	Yes
47	PWR Max	—	—
48	Fan Error	—	—
49	Physical & Environmental	Arista 7804R4	Arista 7816R4 / 7816LR4
50	Power Input	Multiple Hot-swap AC/DC PSUs (redundant grids, 3kW+ units)	Multiple Hot-swap AC/DC PSUs (redundant grids, 3kW+ units)
51	Max. Power Consumption (PoE enabled)	N/A	N/A
52	Max. Power Consumption (PoE disabled)	~6000 W typical / 9000 W max (est. system)	~24000 W typical / 30000 W max (est. system)
53	Standby Power Consumption	~1000 W idle (est.)	~4000 W idle (est.)
54	Acoustics	~65-70 dB(A)	~75-80 dB(A)
55	Heat Dissipation	~20000 BTU/hr (est.)	~80000 BTU/hr (est.)
56	Fans	N+1/N+N Redundant Smart Fans	N+1/N+N Redundant Smart Fans
57	Operating Temperature	0 °C – 40 °C (32 °F – 104 °F)	0 °C – 40 °C (32 °F – 104 °F)
58	Storage Temperature	-40 °C – 70 °C (-40 °F – 158 °F)	-40 °C – 70 °C (-40 °F – 158 °F)
59	Operating Humidity	5 % to 95 %, non-condensing	5 % to 95 %, non-condensing
60	Storage Humidity	5 % to 95 %, non-condensing	5 % to 95 %, non-condensing
61	Dimensions (W x D x H)	19" x 37" x 17.5" (10RU) ≈ 48.3 x 94 x 44.5 cm	19" x 37" x 56" (32RU) ≈ 48.3 x 94 x 142 cm
62	Weight	~300-400 lb (136-181 kg) full system	~800+ lb (363+ kg) full system
63	Protection Grade	Standard data-center enclosure	Standard data-center enclosure
64	MTBF	> 200,000 hours	> 200,000 hours
65	Warranty	Limited 1-Year Hardware / Software Support	Limited 1-Year Hardware / Software Support
66	EMI Certifications	FCC Class A, ICES-003, VCCI, CE EN55032	FCC Class A, ICES-003, VCCI, CE EN55032
67	Safety Certifications	UL/CSA 60950-1 and 62368-1 compliant	UL/CSA 60950-1 and 62368-1 compliant
68	Option 1	—	—
69	Option 2	—	—
70	Price/Unit	Arista 7804R4	Arista 7816R4 / 7816LR4
71	Sample	—	—
72	500pcs	—	—
73	1K	—	—
74	Packaging	1 x Main Chassis, Supervisors, Fabrics, PSUs, Rack Kit, Cables	1 x Main Chassis, Supervisors, Fabrics, PSUs, Rack Kit, Cables
75	Specifications	https://www.arista.com/en/products/7800r4-series (datasheet)	https://www.arista.com/en/products/7800r4-series (datasheet)
76	Payment term	100 % T/T in advance	