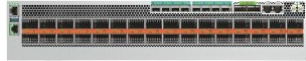



	A	B	C
1	ARISTA	Arista Networks	
2		5453 Great America Parkway, Santa Clara, CA 950541 U.S.A.	
3		+1(408)547-5500 https://www.arista.com/en/	
4		Contact info@arista.com	
5		Product 1 (Low End)	Product 2 (High End)
6	Model	Arista 7280R4-48CQ	Arista 7280R4 (high-density variant, e.g., modular-like fixed)
7	Overview	10G/400G Data Center Switch, Fixed high-performance leaf/spine, 1-2U form fac	800G/400G Data Center Switch, High-density fixed for AI/cloud spines
8	Picture		
9	Hardware Version	Rev 4	Rev 4
10	DnLink Ports	Up to 48 × 800 GbE OSFP / 96 × 400 GbE	Up to 144 × 400 GbE / higher split options
11	COMBO Ports	N/A	N/A
12	UpLink Ports	Shared (all OSFP/QSFP-DD)	Shared (all OSFP/QSFP-DD)
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/QSFP-DD transceivers	SMF/MMF based on OSFP/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	Up to 38.4 Tbps bidirectional (model dependent)	Up to 115 Tbps bidirectional (high-end fixed)
27	Packet Forwarding	Up to 28.8 Bpps	Up to 57.6 Bpps
28	Transmission Method	Store-and-Forward	Store-and-Forward
29	MAC Address Table	Up to 1M+ entries (FlexRoute scalable)	Up to 1M+ entries (FlexRoute scalable)
30	Static MAC Addresses	Supported via EOS configuration	Supported via EOS configuration
31	Max. 64 Byte Packet Fwd Rate	Up to 28.8 Bpps	Up to 57.6 Bpps
32	Packet Buffer Memory	Up to 64 GB dynamic shared	Up to 128 GB dynamic shared
33	Management Interfaces	RJ-45 Console, USB, Out-of-Band Mgmt Port	RJ-45 Console, USB, Out-of-Band Mgmt Port
34	CPU	Multi-core Intel Xeon (optimized for EOS)	Multi-core Intel Xeon (optimized for EOS)
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)	Full IPv4/IPv6, OSPF, BGP, IS-IS, EVPN VXLAN (internet-scale)
38	240/4 Compatibility	EOS 4.32 / CloudVision 2026	EOS 4.32 / CloudVision 2026

	A	B	C
39	Power over Ethernet (PoE)	Arista 7280R4-48CQ	Arista 7280R4 (high-density variant, e.g., modular-like fixed)
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 7280R4-48CQ	Arista 7280R4 (high-density variant, e.g., modular-like fixed)
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 7280R4-48CQ	Arista 7280R4 (high-density variant, e.g., modular-like fixed)
50	Power Input	Dual/Multiple Hot-swap AC/DC PSUs (redundant)	Dual/Multiple Hot-swap AC/DC PSUs (redundant)
51	Max. Power Consumption (PoE enabled)	N/A	N/A
52	Max. Power Consumption (PoE disabled)	~1500 W typical / 2000 W max (est.)	~3000 W typical / 4000 W max (est.)
53	Standby Power Consumption	~400 W idle (est.)	~800 W idle (est.)
54	Acoustics	~65 dB(A)	~70 dB(A)
55	Heat Dissipation	~5000-10000 BTU/hr (est.)	~10000-15000 BTU/hr (est.)
56	Fans	N+1 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 ~25-30" x 1.75-3.5" (1-2U) ≈ 48.3 x 63-76 x 4.4-8.9 cm	19" x ~30" x 3.5-7" (2-4U est.) ≈ 48.3 x 76 x 8.9-17.8 cm
62	Weight	~30-50 lb (14-23 kg)	~60-100 lb (27-45 kg)
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 7280R4-48CQ	Arista 7280R4 (high-density variant, e.g., modular-like fixed)
71	Sample	—	—
72	500pcs	—	—
73	1K	—	—
74	Packaging	1 x Main Unit, PSUs, Rack-mount Kit, Console Cable	1 x Main Unit, PSUs, Rack-mount Kit, Console Cable
75	Specifications	https://www.arista.com/en/products/7280r4-series (datasheet)	https://www.arista.com/en/products/7280r4-series (datasheet)
76	Payment term	100 % T/T in advance	