


	A	B	C
1		<b>Arista Networks</b>	
2		5453 Great America Parkway, Santa Clara, CA 950541 U.S.A.	
3		+1(408)547-5500 <a href="https://www.arista.com/en/">https://www.arista.com/en/</a>	
4		Contact <a href="mailto:info@arista.com">info@arista.com</a>	
5		<b>Product 1 (Low End)</b>	<b>Product 2 (High End)</b>
6	<b>Model</b>	<b>Arista 7020SRG-24C2</b>	<b>Arista 7020TR-48</b>
7	<b>Overview</b>	Compact Universal Leaf/Router Switch, Deep buffers for L3 edge/gateway, 1RU form factor	High-density Universal Leaf Switch, Deep buffers for L3/DC, 1RU form factor
8	<b>Picture</b>		
9	<b>Hardware Version</b>	Rev R	Rev R
10	<b>DnLink Ports</b>	24 × 1/10 GbE SFP+ + 2 × 100 GbE QSFP	48 × 1/10 GbE RJ-45 + uplinks
11	<b>COMBO Ports</b>	N/A	N/A
12	<b>UpLink Ports</b>	2 × 100 GbE QSFP (shared)	Shared uplinks (model dependent)
13	<b>Port Standards &amp; Functions</b>	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	IEEE 802.3 100GBASE-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	<b>Network Cables</b>	SMF/MMF based on SFP+/QSFP transceivers	SMF/MMF based on RJ-45/SFP+/QSFP
24	<b>Duplex Mode</b>	Full Duplex only	Full Duplex only
25	<b>Media Interface Exchange</b>	Auto Negotiation & Optic Detection	Auto Negotiation & Optic Detection
26	<b>Switching Capacity</b>	Up to 800 Gbps bidirectional	Up to 1.2 Tbps bidirectional
27	<b>Packet Forwarding</b>	Up to 600 Mpps	Up to 900 Mpps
28	<b>Transmission Method</b>	Store-and-Forward	Store-and-Forward
29	<b>MAC Address Table</b>	Up to 288K entries	Up to 288K entries
30	<b>Static MAC Addresses</b>	Supported via EOS configuration	Supported via EOS configuration
31	<b>Max. 64 Byte Packet Fwd Rate</b>	Up to 600 Mpps	Up to 900 Mpps
32	<b>Packet Buffer Memory</b>	Up to 32 GB deep shared	Up to 32 GB deep shared
33	<b>Management Interfaces</b>	RJ-45 Console, USB, Out-of-Band Mgmt Port	RJ-45 Console, USB, Out-of-Band Mgmt Port
34	<b>CPU</b>	Multi-core Intel Xeon	Multi-core Intel Xeon
35	<b>CPU Memory</b>	32 GB+ DDR4	32 GB+ DDR4
36	<b>Flash Memory</b>	128 GB+ SSD	128 GB+ SSD
37	<b>L3 (Layer 3) Routing</b>	Full IPv4/IPv6, OSPF, BGP, IS-IS, EVPN VXLAN (deep tables)	Full IPv4/IPv6, OSPF, BGP, IS-IS, EVPN VXLAN (deep tables)
38	<b>240/4 Compatibility</b>	EOS 4.32 / CloudVision 2026 (4.35+ supported)	EOS 4.32 / CloudVision 2026 (4.35+ supported)

	A	B	C
39	<b>Power over Ethernet (PoE)</b>	<b>Arista 7020SRG-24C2</b>	<b>Arista 7020TR-48</b>
40	PoE Standards	N/A	N/A
41	PoE Capable Ports	N/A	N/A
42	PoE Power Budget	N/A	N/A
43	<b>LEDs</b>	<b>Arista 7020SRG-24C2</b>	<b>Arista 7020TR-48</b>
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	<b>Physical &amp; Environmental</b>	<b>Arista 7020SRG-24C2</b>	<b>Arista 7020TR-48</b>
50	Power Input	Dual Hot-swap AC/DC PSUs	Dual Hot-swap AC/DC PSUs
51	Max. Power Consumption (PoE enabled)	N/A	N/A
52	Max. Power Consumption (PoE disabled)	~300 W typical / 400 W max	~500 W typical / 600 W max
53	Standby Power Consumption	~100 W idle	~150 W idle
54	Acoustics	~55-60 dB(A)	~60 dB(A)
55	Heat Dissipation	~1000-1500 BTU/hr	~1500-2000 BTU/hr
56	Fans	N+1 Redundant Smart Fans	N+1 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 20" x 1.75" (1RU) = 48.3 x 50.8 x 4.4 cm	19" x 20" x 1.75" (1RU) = 48.3 x 50.8 x 4.4 cm
62	Weight	~15-20 lb (7-9 kg)	~18-25 lb (8-11 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	<b>Price/Unit</b>	<b>Arista 7020SRG-24C2</b>	<b>Arista 7020TR-48</b>
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	<a href="https://www.arista.com/en/products/7020r-series.(datasheet)">https://www.arista.com/en/products/7020r-series.(datasheet)</a>	<a href="https://www.arista.com/en/products/7020r-series.(datasheet)">https://www.arista.com/en/products/7020r-series.(datasheet)</a>
76	Payment term	100 % T/T in advance	