



A	B	C
1	HPE (Juniper Networks)	
2	1701 E Mossy Oaks Rd. Spring, TX 77389 USA	
3	Website: https://www.hpe.com/us/en	
4	Contact: +1(888)342-2156	
5	Product 1 (Low End)	Product 2 (High End)
6	Model QFX5120-48T	Model QFX5120-48Y
7	Overview Fixed 1U data center leaf/access switch with copper connectivity; EVPN-VXLAN, Mist AI, low-latency L2/L3 for campus/DC edge.	Overview Fixed 1U data center leaf/spine switch with high-density 25GbE; EVPN-VXLAN fabrics, Mist AI, low-latency for modern DC/campus.
8		
9	Hardware Version	Hardware Version
10	DnLink Ports	DnLink Ports
11	COMBO Ports	COMBO Ports
12	UpLink Ports	UpLink Ports
13	Port Standards & Functions	Port Standards & Functions
14	Network Cables	Network Cables
15	Duplex Mode	Duplex Mode
16	Media Interface Exchange	Media Interface Exchange
17	Switching Capacity	Switching Capacity
18	Packet Forwarding	Packet Forwarding
19	Transmission Method	Transmission Method
20	MAC Address Table	MAC Address Table
21	Static MAC Addresses	Static MAC Addresses
22	Max. 64 Byte Packet Fwd Rate	Max. 64 Byte Packet Fwd Rate
23	Packet Buffer Memory	Packet Buffer Memory
24	Management Interfaces	Management Interfaces
25	CPU	CPU
26	CPU Memory	CPU Memory
27	Flash Memory	Flash Memory
28	L3 (Layer 3) Routing	L3 (Layer 3) Routing
29	240/4 Compatibility	240/4 Compatibility
30	-- (not specified; firmware-dependent)	-- (not specified; firmware-dependent)
31	48 x 1/10GbE RJ-45 (copper, dual-speed 1/10GbE)	48 x 1/10/25GbE SFP/SFP+/SFP28 (multispeed fiber/copper via optics)
32	--	--
33	6 x 40/100GbE QSFP+/QSFP28 (configurable breakouts)	8 x 40/100GbE QSFP+/QSFP28 (configurable breakouts to 4x25/10GbE, up to 80x25GbE total)
34	IEEE 802.3 10BASE-T / 100BASE-TX / 1000BASE-T	IEEE 802.3 10BASE-T / 100BASE-TX / 1000BASE-T
35	IEEE 802.3bz 2.5/5/10GBASE-T	IEEE 802.3bz 2.5/5/10GBASE-T
36	IEEE 802.3by 25GBASE-R	IEEE 802.3by 25GBASE-R
37	IEEE 802.3bj 100GBASE-R	IEEE 802.3bj 100GBASE-R
38	IEEE 802.3ae 10GBASE-R	IEEE 802.3ae 10GBASE-R
39	IEEE 802.3az EEE	IEEE 802.3az EEE
40	IEEE 802.3x Flow Control	IEEE 802.3x Flow Control
41	IEEE 802.1D/Q/s/w STP/MSTP/RSTP	IEEE 802.1D/Q/s/w STP/MSTP/RSTP
42	IEEE 802.1ae MACsec (limited)	IEEE 802.1ae MACsec AES-256 (on select models/ports)
43	IEEE 802.1ab LLDP, 802.1X	IEEE 802.1ab LLDP, 802.1X
44	UTP Cat. 5e/6/6a (100 m max.); twinax DAC; MMF/SMF fiber per transceiver	UTP Cat. 5e/6/6a (via optics); twinax DAC; MMF/SMF fiber per transceiver
45	Full-duplex only (high-speed standards)	Full-duplex only (high-speed standards)
46	Auto MDI/MDIX for RJ-45 ports	Auto MDI/MDIX (where applicable via optics)
47	1.08 Tbps unidirectional / 2.16 Tbps bidirectional	2 Tbps unidirectional / 4 Tbps bidirectional
48	#NAME?	-- (wire-speed, up to 2.98 Bpps)
49	Store-and-forward / cut-through (configurable)	Store-and-forward / cut-through (configurable)
50	Up to 288K entries	Up to 288K entries
51	-- (supported; configurable up to table size)	-- (supported; configurable up to table size)
52	N/A	N/A
53	N/A	N/A
54	Web (J-Web), CLI (Telnet/SSH), SNMP v1/v2c/v3, Juniper Mist Wired Assurance, JET/JTI telemetry	Web (J-Web), CLI (Telnet/SSH), SNMP v1/v2c/v3, Juniper Mist Wired Assurance, JET/JTI telemetry
55	2.2 GHz quad-core Intel	2.2 GHz quad-core Intel
56	16 GB DRAM	16 GB DRAM
57	100 GB SSD	50 GB SSD
58	Static, RIP v1/v2, OSPF v2/v3, BGP, IS-IS, VRRP, PIM; large-scale IPv4/IPv6 unicast/multicast	Static, RIP v1/v2, OSPF v2/v3, BGP, IS-IS, VRRP, PIM; large-scale IPv4/IPv6 unicast/multicast
59	Junos OS 9.6 or later	Junos OS 9.6 or later

	A	B	C
39	Power over Ethernet (PoE)	QFX5120-48T	QFX5120-48Y
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	QFX5120-48T	QFX5120-48Y
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	QFX5120-48T	QFX5120-48Y
50	Power Input	100-240 VAC; 50/60 Hz (dual redundant PSU; DC options)	100-240 VAC; 50/60 Hz (dual redundant PSU; DC options)
51	Max. Power Consumption (PoE enabled)	N/A	N/A
52	Max. Power Consumption (PoE disabled)	~227W max (typical 222W)	~450W max / ~260W typical / ~160W idle
53	Standby Power Consumption	~160W idle	~160W idle
54	Acoustics	N/A	N/A
55	Heat Dissipation	-- (inferred ~1500 BTU/hr max)	-- (inferred ~1500-2000 BTU/hr max)
56	Fans	5 (4+1 redundant, hot-swappable, variable-speed)	5 (4+1 redundant, hot-swappable, variable-speed)
57	Operating Temperature	32°F to 104°F (0°C to 40°C)	32°F to 104°F (0°C to 40°C)
58	Storage Temperature	-40°F to 158°F (-40°C to 70°C)	-40°F to 158°F (-40°C to 70°C)
59	Operating Humidity	5% to 90% non-condensing	5% to 90% non-condensing
60	Storage Humidity	0% to 95% non-condensing	0% to 95% non-condensing
61	Dimensions (W x D x H)	17.36 x 1.72 x 20.48 in (44.09 x 4.37 x 52.02 cm)	17.36 x 1.72 x 20.48 in (44.09 x 4.37 x 52.02 cm)
62	Weight	~24.25 lb (11 kg) with PSUs/fans	~23.7 lb (10.75 kg) with PSUs/fans
63	Protection Grade	--	--
64	MTBF	N/A	N/A
65	Warranty	Enhanced Limited Lifetime Warranty	Enhanced Limited Lifetime Warranty
66	EMI Certifications	FCC Class A, EN 55032/55035, CISPR 32/35, VCCI, ICES-003, AS/NZS CISPR 32, etc.	FCC Class A, EN 55032/55035, CISPR 32/35, VCCI, ICES-003, AS/NZS CISPR 32, etc.
67	Safety Certifications	UL 60950-1/62368-1, IEC 60950-1/62368-1, CB Scheme, etc.	UL 60950-1/62368-1, IEC 60950-1/62368-1, CB Scheme, etc.
68	Option 1	--	--
69	Option 2	--	--
70	Price/Unit	QFX5120-48T	QFX5120-48Y
71	Sample	--	--
72	500pcs	--	--
73	1K	--	--
74	Packaging	--	--
75	Specifications	https://www.juniper.net/us/en/products/switches/qfx-series/qfx5120-ethernet-switch-datasheet.html	https://www.juniper.net/us/en/products/switches/qfx-series/qfx5120-ethernet-switch-datasheet.html
76	Payment term	100% T/T in advance, Warranty: 1 year, Lead time:25-30days, Price term: EXW	