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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	EX4400-24T	EX4400-48MPX
7	Overview	Secure, cloud-ready 1U access switch for AI-era campus/branch; Mist AI/Wired Assurance; multigig options available.	Secure, cloud-ready 1U access switch for AI-era campus/branch; Mist AI/Wired Assurance; high-density multigig PoE++.
8	Picture		
9	Hardware Version	-- (not specified; firmware-dependent)	-- (not specified; firmware-dependent)
10	DnLink Ports	24 x 10/100/1000BASE-T RJ-45	48 x mixed: 12 x 100M/1/2.5/5/10GbE + 36 x 100M/1/2.5GbE RJ-45
11	COMBO Ports	--	--
12	UpLink Ports	2 x 100GbE QSFP28 (configurable as 40GbE) + optional extension modules (e.g., 4 x 10/25GbE SFP28)	2 x 100GbE QSFP28 (configurable as 40GbE) + optional extension modules (e.g., 4 x 10/25GbE SFP28)
13	Port Standards & Functions	IEEE 802.3 10BASE-T	IEEE 802.3 10BASE-T
14		IEEE 802.3u 100BASE-TX	IEEE 802.3u 100BASE-TX
15		IEEE 802.3ab 1000BASE-T	IEEE 802.3ab 1000BASE-T
16		IEEE 802.3bz 2.5/5/10GBASE-T (multigig models)	IEEE 802.3bz 2.5/5/10GBASE-T (multigig models)
17		IEEE 802.3ae 10GbE	IEEE 802.3ae 10GbE
18		IEEE 802.3az EEE	IEEE 802.3az EEE
19		IEEE 802.3x Flow Control	IEEE 802.3x Flow Control
20		IEEE 802.3af/at/bt PoE (on PoE models)	IEEE 802.3af/at/bt PoE (on PoE models)
21	IEEE 802.1D/Q/s/w STP/MSTP/RSTP	IEEE 802.1D/Q/s/w STP/MSTP/RSTP	
22	IEEE 802.1ae MACsec AES256, 802.1ab LLDP, 802.1X	IEEE 802.1ae MACsec AES256, 802.1ab LLDP, 802.1X	
23	Network Cables	UTP Cat. 3/4/5/5e/6/6a (100 m max.); fiber for QSFP28/SFP28	UTP Cat. 3/4/5/5e/6/6a (100 m max.); fiber for QSFP28/SFP28
24	Duplex Mode	Full/half-duplex for 10/100 Mbps; full-duplex for 1000/2500/5000/10000 Mbps	Full/half-duplex for 10/100 Mbps; full-duplex for 1000/2500/5000/10000 Mbps
25	Media Interface Exchange	Auto MDI/MDIX for twisted-pair ports	Auto MDI/MDIX for twisted-pair ports
26	Switching Capacity	324 Gbps unidirectional / 648 Gbps bidirectional	510 Gbps unidirectional / 1020 Gbps bidirectional
27	Packet Forwarding	482 Mpps	758 Mpps
28	Transmission Method	Store-and-forward	Store-and-forward
29	MAC Address Table	112K entries	112K entries
30	Static MAC Addresses	-- (up to 112K total MACs; static configurable)	-- (up to 112K total MACs; static configurable)
31	Max. 64 Byte Packet Fwd Rate	482 Mpps	758 Mpps
32	Packet Buffer Memory	N/A	N/A
33	Management Interfaces	Web (J-Web), CLI (Telnet/SSH), SNMP v1/v2c/v3, Juniper Mist Wired Assurance	Web (J-Web), CLI (Telnet/SSH), SNMP v1/v2c/v3, Juniper Mist Wired Assurance
34	CPU	Quad Core 2.2 GHz Intel x86	Quad Core 2.2 GHz Intel x86
35	CPU Memory	4 GB DRAM with ECC	4 GB DRAM with ECC
36	Flash Memory	20 GB	20 GB
37	L3 (Layer 3) Routing	Static routing, RIP v1/v2, OSPF v2/v3, BGP, IS-IS, VRRP; up to 130K IPv4 unicast prefixes	Static routing, RIP v1/v2, OSPF v2/v3, BGP, IS-IS, VRRP; up to 130K IPv4 unicast prefixes
38	240/4 Compatibility	Junos OS 9.6 or later	Junos OS 9.6 or later

	A	B	C
39	Power over Ethernet (PoE)	EX4400-24T	EX4400-48MXP
40	PoE Standards	N/A	IEEE 802.3af PoE / 802.3at PoE+ / 802.3bt PoE++
41	PoE Capable Ports	N/A	Ports 1-48 (PoE++ up to 90W/port)
42	PoE Power Budget	N/A	1650W (single PSU) / 3600W (dual PSU; higher with optional 2000W PSUs)
43	LEDs	EX4400-24T	EX4400-48MXP
44	Power (per device)	Yes	Yes
45	Console (per device)	Yes	Yes
46	Link/Activity/Speed (per port)	Yes	Yes
47	PWR Max	--	Yes
48	Fan Error	--	Yes
49	Physical & Environmental	EX4400-24T	EX4400-48MXP
50	Power Input	100-240 VAC; 50/60 Hz internal PSU (or DC options)	100-240 VAC; 50/60 Hz internal PSU (or DC options)
51	Max. Power Consumption (PoE enabled)	N/A	3776W (at 100% traffic/PoE load) approx.
52	Max. Power Consumption (PoE disabled)	92W (typical non-PoE model)	~200W+ (base system; varies)
53	Standby Power Consumption	87W idle (non-PoE example)	-- (not specified; low via EEE)
54	Acoustics	~42-44 dBA (model/PSU dependent)	~40-49 dBA (model/PSU dependent)
55	Heat Dissipation	-- (inferred from power; e.g., up to ~13,000 BTU/hr max load high-end)	-- (inferred from power; e.g., up to ~13,000 BTU/hr max load high-end)
56	Fans	2 (field-replaceable, hot-swappable, redundant)	2 (field-replaceable, hot-swappable, redundant)
57	Operating Temperature	32°F to 113°F (0°C to 45°C)	32°F to 113°F (0°C to 45°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 90% non-condensing	0% to 90% non-condensing
61	Dimensions (W x D x H)	17.39 x 1.72 x 16.93 in (44.17 x 4.37 x 43 cm)	17.39 x 1.72 x 16.93 in (44.17 x 4.37 x 43 cm)
62	Weight	13.01 lb (5.9 kg) chassis (no PSUs/fans)	13.01 lb (5.9 kg) chassis (no PSUs/fans)
63	Protection Grade	--	--
64	MTBF	N/A	N/A
65	Warranty	Enhanced Limited Lifetime Warranty (hardware lifetime, software updates, 90-day JTAC)	Enhanced Limited Lifetime Warranty (hardware lifetime, software updates, 90-day JTAC)
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 62368-1/60950-1, IEC 62368-1/60950-1, CB Scheme, etc.	UL 62368-1/60950-1, IEC 62368-1/60950-1, CB Scheme, etc.
68	Option 1	--	--
69	Option 2	--	--
70	Price/Unit	EX4400-24T	EX4400-48MXP
71	Sample	--	--
72	500pcs	--	--
73	1K	--	--
74	Packaging	--	--
75	Specifications	https://www.juniper.net/us/en/products/switches/ex-series/ex4400-line-of-ethernet-switches-datasheet.html	https://www.juniper.net/us/en/products/switches/ex-series/ex4400-line-of-ethernet-switches-datasheet.html
76	Payment term	100% T/T in advance, Lead time:25-30days, Price term: EXW	