

Courtside LED Tables - IT Requirements

RFI Line Items									
EPCU:ESTIMATED COST P/UNIT	PMP:POTENTIAL MINIMUM PURCHASE	PAP:POTENTIAL ANNUAL PURCHASE	PF:PURCHASE FREQUENCY	ETD:ESTIMATED DELIVERY TIME					
Product name	MFR	MFR product #	EPCU	Min qty	PMP	PAP	PF	ETD	Details
Compact 12-port PoE+ Ethernet Switch with 2 SFP/SFP+ Uplink	Juniper	EX2300-C-12P		8			1	1	EX2300 Compact Fanless 12-port 10/100/1000BaseT PoE+, 2 x 1/10G SFP/SFP+ (optics sold separately). Dimensions (W x H x D) 10.98 x 1.72 x 9.4 in (27.9 x 4.4 x 23.9 cm) Weight 6.99 lb (3.17 kg) Backplane 40 Gbps Virtual Chassis interconnect to link up to four switches as a single logical device Hardware Specifications Switching Engine Model Store and forward DRAM 2 GB with ECC Flash 2 GB CPU 1.25GHz ARM CPU GbE port density per system 14 (12 access ports + 2 uplink ports) Physical Layer Physical port redundancy: Redundant trunk group (RTG) Cable diagnostics for detecting cable breaks and shorts Auto medium-dependent interface/medium dependent interface crossover (MDI/MDIX) support Port speed downshift/setting maximum advertised speed on 10/100/1000BASE-T ports Digital optical monitoring for optical ports Packet-Switching Capacities (Maximum with 64-Byte Packets) 64 Gbps Power Options Power Supplies Fixed internal power supply (AC) 20 W AC Max. System Power Consumption (Input Power without PoE)
Juniper Networks Rack Mounting Kit	Jupiter	EX2300-C-RMK		8			1	1	Rack mounting kit 19" Supports use on two-post and four-post racks Compatible with various Ethernet switch. imensions (W x H x D) 10.98 x 1.72 x 9.4 in (27.9 x 4.4 x 23.9 cm) Weight 5.45 lb (2.48 kg) Backplane 40 Gbps Virtual Chassis interconnect to link up to four switches as a single logical device Hardware Specifications Switching Engine Model Store and forward DRAM 2 GB with ECC Flash 2 GB CPU 1.25GHz ARM CPU GbE port density per system 14 (12 access ports + 2 uplink ports) Physical Layer Physical port redundancy: Redundant trunk group (RTG) Cable diagnostics for detecting cable breaks and shorts Auto medium-dependent interface/medium dependent interface crossover (MDI/MDIX) support Port speed downshift/setting maximum advertised speed on 10/100/1000BASE-T ports Digital optical monitoring for optical ports Packet-Switching Capacities (Maximum with 64-Byte Packets) 64 Gbps
Small Form Factor Pluggable 10 Gigabit Ethernet (SFP+) LR Op	Juniper Networks	EX-SFP-10GE-LR		4			1	1	Standards compliance (Ethernet/OTN Standard, for e.g. 100GBASE-LR4)10GBASE LMSA compliance (SFF, for e.g. SFF-8665) SFF-8431 SFF-8472 SFF-8432 Digital Diagnostic Monitoring Transceiver Temperature 10 GigE LC single-mode 1310 nm EX9208; QFX Series QFX10016 10GBase-LR up to 6.2 miles for Juniper Networks SRX380; EX 3200; 4200; EX Series EX9204
Small Form Factor Pluggable 10 Gigabit Ethernet (SFP+) SR Op	Juniper Networks	EX-SFP-10GE-SR		6			1	1	Digital Diagnostic Monitoring Transceiver temperature Transceiver supply voltage TX bias current TX output power RX received optical power Signaling rate, each lane10 GbpsTransmitter fibersDualTransmitter wavelengths (range)850 nmTransmitter output power, each lane (minimum)-7.3 dBmTransmitter output power, each lane (maximum)-1 dBmReceiver input power, each lane (minimum)-9.9 dBmReceiver input power, each lane (maximum)-1 dBmCable typeMMFCore size/cladding62.5/125 μm62.5/125 μm50/125 μm50/125 μm50/125 μm50/125 μmFiber gradeFDDIOM1 OM2OM3OM4Effective modal bandwidth160 MHz x km200 MHz x km400 MHz x km500 MHz x km2000 MHz x km4700 MHz x kmDistance26 m33 m66 m82 m300 m400 mOperating Temperature (range)0° C to 70° CStorage temperature -40° C to 85° C
Juniper Care Core Support for EX2300-C-12P	Juniper Networks	SVC-COR-EX23-C12P		8			1	1	Juniper Care combines traditional 24 x 7 support, E-Support, E-Learning, and Service Automation. More than a simple break-fix service, Juniper Care helps you to meet network demands with technical and
Totals									