

QUICK LOOK:

- Cloud Managed
- Non-Blocking, Fully Managed, Enterprise Grade, L2/L3 switch
- Comprehensive/Intelligent
 PoE Solution
- AC and DC models available
- Zero Touch Simplicity with automated configuration
- Automated security with device profiling and policy enforcement





cnMaestro™ XMS

Cambium Networks' next generation switching platform offers a cloud managed, high performance, feature rich enterprise grade ethernet switching solution.

The cnMatrix platform of switches provides:

- Full Line Rate, non-blocking architecture
- Easy and simple, free cloud (or on premise) management with cnMaestro[™] or XMS*
- · Zero-touch deployment of switches makes installation easy
- Policy Based Automation eliminates manual and time consuming configuration
- Enhanced Security with automated device profiling and segmentation
- Policy Based Automation eliminates manual configuration during adds, moves and changes of network devices
- Unified Wired-Wireless access solution

* Feature to be included in a future release.

The cnMatrix TX1000 Series Switches provides the following functionality:

Comprehensive/Intelligent PoE solution

- 802.3af/at/bt up to 90W
- 24V Passive PoE up to 15W
- 54V Passive PoE up to 90W

Available with either AC or DC power supply

All interfaces located on front panel

The cnMatrix series of fully managed switches delivers full Layer 2 and Layer 3 capabilities with enhanced access security. The cnMatrix series offers flexibility with SFP+ (10 Gbps) or SFP (1 Gbps) uplink ports. These switches come with a 3-Year Limited Lifetime Warranty.

Specifications

TX012-AC-PTX012-AC-PTronghui96 OpsTronghui96 OpsForging Rate in Mposi0Forging Rate in Mposi010/00/1000 Mps RJ4S Ports810 Spieler Ports (SFP)00010 Spieler Ports (SFP)000Port Fabled Ports 02.34/with810 Moving Passive Pot (24Y)110 Moving Passive Pot (24Y)220 Sci Idonald8Pot Fabled Ports 02.34/with810 Moving Passive Pot (24Y)120 Sci Idonald9Sci Idonald110 Moving Passive Pot (24Y)120 Sci Idonald8Sci Idonald110 Moving Passive Pot (24Y)120 Sci Idonald120 Sci Idonald9Sci Idonald120 Sci Idonald1<			
Forwarding Rate in Mpps120120for port graph12012010/1000 Mpps RJ45 Ports881 Gbps Fiber Ports (SFP)0010 Gbps Fiber Ports (SFP)48Pof-t Enabled Ports 802.3a/fa/bt88Iow Voltage Passive Pot (24V)44Igh Power 4 PoFo (up 50W)22Serial ConsoleYes, optionalYes, optionalRack Mount KitYes, optional10Rack Mount Kit16K16KFash Storage120 MB120 MBJord Console120 MB120 MBJord Console120 MB120 MBInternal Fans16K16KMac Address Table Size16K120 MBJord Console120 MB120 MBJord		TX1012-AC-P	ТХ1012-DС-Р
(g4 Byte Packets)12012010/00/1000 Mps RJ45 Ports881 Gbps Fiber Ports (SFP)0010 Gbps Fiber Ports (SFP)44PoE+ Enabled Ports 802.3al/at/bt88Low Voltage Passive PoE (24V)42Pigh Power 4 PPoE (up to 90W)29Serial ConsoleYes, optionalYes, optionalInternal FansYes, optionalYes, optionalResk Button*101Rest Button*101Rest Button*101Pigh Power 4 PPoE101Rest Button*101Rest Button*1010Rest Button*1010Rest Button*1010Rest Button*1010Rest Button*1010Rest Button*1010Rest Button*1010Rest Button*1010Rest Button*1010 <th>Throughput</th> <th>96 Gbps</th> <th>96 Gbps</th>	Throughput	96 Gbps	96 Gbps
Absp. Fiber Ports (SFP)0010 Gbps Fiber Ports (SFP)44PoE+ Enabled Ports 802.3at/at/bt88PoE+ Enabled Ports 802.3at/at/bt44PoB+ Enabled Ports 802.3at/at/bt48Ports GEPMYesYesPorts GEPMYesYesPortal ConsoleYesYesPortal ConsoleYesYesPortal Enable Active Stable StateYesYesPortal Enable State16YesPortal Enable State12YesPortal Enable State12Yes <th></th> <th>120</th> <th>120</th>		120	120
10 Gbps Fiber Ports SD2.3af/abbt4410 Gbps Fiber Ports SD2.3af/abbt88PoE+ Enabled Ports SD2.3af/abbt88Low Voltage Passive PoE (24Y)44Itigh Power 4 PPoE (up to 90W)22Serial ConsoleVes.0ptional2Rack Mount KitVes.0ptionalVes.0ptionalInternal Fans11Reset Button*Ves.0ptional28MACAdress Table Size16K16KDramb12MB29MBOrd12MB20MBDramb12MB12MBDra	10/100/1000 Mbps RJ45 Ports	8	8
PoE+ Enabled Ports 802.3df/a/bit8PoE+ Enabled Ports 802.3df/a/bit8Low Voltage Passive PoE (24V)44High Power 4 PPoE (up to 90W)22Serial ConsoleYesYesYesRack Mount KitYes, optionalYes, optionalYes, optionalInternal Fans11Rest Button*YesYesYesMAC Address Table Size16K16K16KFlash Storage12 MB128 MB128 MBVLANsYes12 MB121 MBOption4YesYes128 MBVLANs16 Kos/8 links per LAG16KOption4Yes128 MBIndex/sflinks per LAG128 MBOption4128 MS128 MBJack Address AcL128 MS128 MSAcP Printing12 AGS/8 links per LAG128 MSDef Parts12 AGS/8 links per LAG128 AGS/8 links per LAGAppendix12 AGS/8 links per LAG<	1 Gbps Fiber Ports (SFP)	0	0
Low Voltage Passive PoE (24V)44High Power 4 PPoE (up to 30W)22Brigh Power 4 PPoE (up to 30W)23Serial ConsoleYesYesRack Mount KitYes, optionalYes, optionalInternal Fans11Rest Button*YesYesMacA ddress Table Size16K16KFlash Storage12 MB12 MBValue12 MB12 MBValue4K4KOptional12 MB12 MBValue4K8KValue16 Mathematication16 MathematicationOptional16 Mathematication16 MathematicationValue16 Mathematication16 MathematicationOptional16 Mathematication16 MathematicationValue16 Mathematication16 MathematicationOptional16 Mathematication16 MathematicationMathematication16 Mathematication16 MathematicationOptional16 Mathematication16 MathematicationMathematication16	10 Gbps Fiber Ports (SFP+)	4	4
High Power 4 PPoE (up to 90W)22Berial ConsoleYesYesRack Mount KitYes, optionalYes, optionalInternal Fans11Reset Button*YesYesMAC Address Table Size16K16KFlash Storage128 MB128 MBDRAM512 MB512 MBVLANs4K4KQinQ*YesYesLACP/Trunking8 LAGs/8 links per LAG8 LAGs/8 links per LAGOS Priority Queues832Static ARP Entries512512Static Routes6464Optimic Routing612512Static Routes612512Marcine Routing512512Barter Border512512Barter Border512 <th>PoE+ Enabled Ports 802.3af/at/bt</th> <th>8</th> <th>8</th>	PoE+ Enabled Ports 802.3af/at/bt	8	8
Serial ConsoleYesYesYesRack Mount KitYes, optionalYes, optionalYes, optionalInternal Fans11Racet Button*YesYesMAC Address Table Size16K16KFlash Storage128 MB128 MBDRAM512 MB512 MBVLNsKKGion*YesYesI Copy Transform8 LAGs/8 links per LAG8 LAGs/8 links per LAGPVRsT21Sale32Ingress/Egress ACL512Sale512Static ARP Entries512Sale512I Copy Transform512512512I	Low Voltage Passive PoE (24V)	4	4
Rack Mount KitYes, optionalYes, optionalRack Mount KitYes, optionalYes, optionalInternal Fans11Racet Button*YesYesMAC Address Table Size16K16KFlash Storage128 MB128 MBDRAM512 MB512 MBVLNs4K4KVLNs4K4KOrd Priority Queues8 LAGs/8 links per LAG8 LAGs/8 links per LAGPVRST323232Interse Satcl512 MB512 MBStatic ARP Entries512 AG512 AGStatic Routes6464Qnamic Routing512 AG512 AGMathematic Bound512 AG512 AGMathematic Bound<	High Power 4 PPoE (up to 90W)	2	2
internal Fans11Reset ButtonVesVesReset ButtonVesVesMAC Address Table Size16K16KFans Storage12 MB12 MBDRAM52 MB12 MBOraget4K8KOliginVes8KACP/Trunking8 Mass8 MassOrse12 MB12 MassIngers/Faress ACL20 Mass12 MassARP Entries12 Mass12 MassStatic Routes6412 MassIngers/Farest Constant12 Mass12 MassMarket Mass12 Mass12 MassMarket Mass	Serial Console	Yes	Yes
Reset ButtonYesYesMAC Address Table Size16K16KFlash Storage12 MB12 MBDRAM12 MB12 MBOtAM12 MB12 MBOtaM16 MC16 MCOtaM16 MC16 MCAre Entries16 MC16 MCOtaM16 MC16 MC	Rack Mount Kit	Yes, optional	Yes, optional
MAC Address Table Sizei6Ki6KMAC Address Table Sizei6Ki6KFlash Storagei28 MBi28 MBDRAMi21 MBi21 MBVLANsi6Ki6KOld Of Ori6Ki6KCaloryi8Ki8KOr Of Ori8Ki8KOr Of Ori8Ki8KOf Or Of Ori8Ki8KOf Of Of Ori8Ki8KOf Of O	Internal Fans	1	1
Flash Storage128 MB128 MBpRAM52 MB52 MBvLANs52 MB52 MBoino*4K4Koino*8 LAGs/8 links per LAG8 LAGs/8 links per LAGLACP/Trunking8 LAGs/8 links per LAG8 LAGs/8 links per LAGoos Priority Queues88 Cascal and	Reset Button*	Yes	Yes
PRAM512 MB512 MBPLANS4K512 MBVLANS4K5KGinQ*VesVesLACP/Trunking8 LAGS/BINAS per LAG8 LAGS/BINAS per LAGOS Priority Queues88 Cal Statis per LAGPVRST123232Ingress/Egress ACL121232Static ARP Entries515151ARP Entries645252Dymin Routing125151Dymin Routing525252Mark Matterson525353Dymin Routing525354Mark Matterson545454Mark Matterson5454Mark Matterson54Mark Matterson	MAC Address Table Size	16K	16К
VLANsAKVLANsAKonO*VesLACP/TunkingNess/ElinesLACP/TunkingStack/SlinesooS Priority Queues8PVRST32Ingress/Egress ACL128Static ARP Entries512ARP Entries512Static Routes64Jonance512Ingress/Egress ACL512Static Routes512Static Routes <t< th=""><th>Flash Storage</th><th>128 MB</th><th>128 MB</th></t<>	Flash Storage	128 MB	128 MB
AinOrYesYesLACP/TunkingStads/Binks per LAGStads/Binks per LAGACD Trioty Queues8Stads/Binks per LAGPVRST32Stads/Binks per LAGStads/Binks per LAGIngress/Egress ACL12Stads/Binks per LAGStads/Binks per LAGARP Entries512Stads/Binks per LAGStads/Binks per LAGAppendic Routing64Stads/Binks per LAGStads/Binks per LAGIngress/Egress ACLStads/Binks per LAGStads/Binks per LAGStads/Binks per LAGARP EntriesStads/Binks per LAGStads/Binks per LAGStads/Binks per LAGIngress/Egress ACLStads/Binks per LAGStads/Binks per LAGStads/Binks per LAGARP EntriesStads/Binks per LAGStads/Binks per LAGStads/Binks per LAGStads/Binks per LAGIngress/Egress ACLStads/Binks per LAGStads/Binks per LAGStads/Binks per LAGStads/Binks per LAGARP EntriesStads/Binks per LAGStads/Binks per LAGStads/Binks per LAGStads/Binks per LAGIngress/Egress ACLStads/Binks per LAGStads/Binks per LAGStads/Binks per LAGStads/Binks per LAGIngress/Egress ACLStads/Binks per LAGStads/Binks per LAGStads/Binks per LAGStads/Binks per LAGIngress/Egress ACLStads/Binks per LAGStads/Binks per LAGStads/Binks per LAGStads/Binks per LAGIngress/Egress ACLStads/Binks per LAGStads/Binks per LAGStads/Binks per LAGStads/Binks per LAGIngress ACLStads/Binks per LAGStads/Bink	DRAM	512 MB	512 MB
LACP/Trunking8 LAGs/8 links per LAG8 LAGs/8 links per LAGQoS Priority Queues88PVRST3232Ingress/Egress ACL128128Static ARP Entries512512ARP Entries64512Dynamic Routing12512Ingress/Egress ACL512512Static Routes64512Dynamic Routing512512Ingress/Egress ACL512512Ingress/Egress ACL512512Ingress ACL512Ingress ACL512 </th <th>VLANs</th> <th>4К</th> <th>4K</th>	VLANs	4К	4K
QOS Priority Queues 88 PVRST 3232 Ingress/Egress ACL 128128 Static ARP Entries 512512 ARP Entries 6464 Dynanic Routing 512512 Dynanic Routing 5252 Dig Multicast Groups 5656	QinQ*	Yes	Yes
PVRST3232Ingress/Egress ACL128128Static ARP Entries512512ARP Entries512512Static Routes6464Dynamic Routing512512IGMP Multicast Groups256256	LACP/Trunking	8 LAGs/8 links per LAG	8 LAGs/8 links per LAG
Ingress/Egress ACL128Static ARP Entries512ARP Entries512Static Routes64Dynamic Routing512IGMP Multicast Groups260	QoS Priority Queues	8	8
Static ARP Entries512512ARP Entries512512Static Routes6464Dynamic Routing512512IGMP Multicast Groups256256	PVRST	32	32
ARP Entries512512Static Routes6464Dynamic Routing512512IGMP Multicast Groups256256	Ingress/Egress ACL	128	128
Static Routes64Dynamic Routing512IGMP Multicast Groups256	Static ARP Entries	512	512
Dynamic Routing 512 512 IGMP Multicast Groups 256 256	ARP Entries	512	512
IGMP Multicast Groups 256 256	Static Routes	64	64
	Dynamic Routing	512	512
	IGMP Multicast Groups	256	256
Policy Based Automation Yes Yes	Policy Based Automation	Yes	Yes

* Feature to be included in a future release.



Hardware Specifications			
	TX1012-AC-P	TX1012-DC-P	
Power Supply	260W	200W	
Max Switch Power (WITH TRAFFIC)	260W	200W	
MTBF @25°C (hours)	741,409	749,495	
MTBF @60°C (hours)	223,619	207,122	
Unit Weight	2.22 kg (4.89 lbs)	2.1 kg (4.63 lbs)	
Unit Dimensions H x L x W	4.4 x 28.0 x 23.0 cm (1.7 x 11.2 x 9.05 in)	4.4 x 28.0 x 23.0 cm (1.7 x 11.2 x 9.05 in)	
Boxed Weight	2.75 kg (6.05 lbs)	2.65 kg (5.83 lbs)	
Boxed Dimensions H x L x W	10.1 x 35.1 x 33 cm (4.04 x 13.82 x 13.00 in)	10.1 x 35.1 x 33 cm (4.04 x 13.82 x 13.00 in)	
CPU Speed	800 MHz	800 MHz	
LEDs per port	Link/Activity, PoE	Link/Activity, PoE	
PoE Power Budget	200W	170W @ 30-65Vin, 120W @ 9–29Vin	
802.3af/at/bt PoE (54V)	Ports 1–8	Ports 1–8	
24V Passive PoE - up to 15W	Ports 5–8	Ports 5–8	
54V Passive PoE - up to 90W	Ports 3–4	Ports 3–4	
54V Passive PoE - up to 30W	Ports 1–2, 5–8	Ports 1–2, 5–8	
PoE Max Power Per Port	Ports 1–2, 5–8: 30W Ports 3–4: 90W	Ports 1–2, 5–8: 30W Ports 3–4: 90W	
Rack Mountable	Yes (Optional Accessory)	Yes (Optional Accessory)	
DIN Rail Mountable	Yes (Optional Accessory)	Yes (Optional Accessory)	
Wall Mountable	Yes (Optional Accessory)	Yes (Optional Accessory)	
Temperature Ranges	-30°C to 60°C / Sea level	-30°C to 60°C / Sea level	
Operating Humidity	20% to 90% RH	20% to 90% RH	
Storage Temperature	-40°C to 70°C	-40°C to 70°C	



Specifications - All Models

Quality of	ACL mapping and marking of	Layer 2	802.1s multiple spanning tree		
Service	ToS/DSCP (COS)	Feature Set	VLAN, Port, Protocol, 802.1q		
	ACL mapping marking of 802.1p		QinQ*		
	ACL mapping to priority queue		802.1d		
	DiffServ support		802.1x authentication		
	Honoring DSCP and 802.1p (CoS)		Auto MDI/MDIX BPDU Guard, Root Guard		
	Traffic shaping/metering				
	Priority queue management using Weighted		IGMP Snooping v1/v2/v3*, Fast Leave		
	Round Robin (WRR), Strict Priority (SP) and a combination of WRR and SP		LLDP/LLDP MED		
Traffic Management	ACL-based inbound rate limiting policies		IGMP Proxy		
	Broadcast, multicast and unknown		Static MAC		
	unicast rate limiting		Flow Control per port		
	Inbound rate limiting per port		Per VLAN STP (PVST/PVRST)		
	Outbound rate limiting per port/queue		Port Mirroring: port based, ACL based,		
Security	802.1x authentication		VLAN based		
	MAC authentication*		Port Isolation/Private VLAN Edge		
	DHCP snooping		Link Aggregation Groups (Static/LACP)		
	RADIUS authentication/authorization		Rate Limiting/Storm Control		
	Radius/Tacacs/Tacacs+		Jumbo frame (9k)		
	Authentication, Authorization, and		DHCP Snooping		
	Accounting (AAA)		BPDU filtering		
	Secure shell		Broadcast/Multicast/Unlearned Unicast		
	Secure copy (SCP)*		(Storm Control)		
	Local username/password		DoS Protection		
* Feature to be included in a	future release.		Ping/TraceRoute/ICMPv6		

Layer 3 Feature Set	Inter-VLAN Routing	Dynamic Routing – RIPv1/v2
	Static ARPs	Dynamic Routing – OSPFv2
	Static Routes	Route Redistribution
	DHCP Relay	

Specifications - All Models cont'd

Management

XMS* cloud managementIndustry standard Command Line Interface (CLI)DHCP ClientEmbedded web management (HTTP/HTTPS)

Embedded DHCP server

cnMaestro cloud management

SSH / SSH v2

SNMP v1/v2/v3

DHCP relay

Simple Network Time Protocol (SNTP)

Local/remote system logging

Policy Based Automation

Display log messages multiple terminals*

TFTP/SFTP

Password management

Autoinstall support for firmware images and config files

Security

PERMIT/DENY ACTIONS FOR INBOUND IP AND LAYER 2 TRAFFIC CLASSIFICATION BASED ON: Source/Destination IP address

TCP/UDP Source/Destination port

IP Protocol Type

Type of Service (ToS) or differentiated services (DSCP) field

Source/Destination MAC address

EtherType

IEEE 802.1p user priority

VLAN ID

RFC 1858—Security Considerations for IP Fragment Filtering

* Feature to be included in a future release.

IEEE Standards

Core Switching Features	IEEE 802.1ab—Link Layer Discovery Protocol (LLDP)	IEEE 802.1Q-2003	RFC 4541—Considerations for Internet Group Management Protocol (IGMP)	
	IEEE 802.1D—Spanning tree compatibility		Snooping Switches	
	IEEE 802.1p—Ethernet priority with user provisioning and mapping		ANSI/TIA-1057—LLDP-MEDia Endpoint Discovery (MED)	
	IEEE 802.1s—Multiple spanning tree compatibility	Advanced Layer 2 Features	Authentication, Authorization, and Accounting (AAA)	
	IEEE 802.1Q—Virtual LANs with	i cutures	IEEE 802.1ad (QinQ)*	
	port-based VLANs		Broadcast/Multicast/Unknown unicast	
	IEEE 802.1X—Port-based authentication		storm recovery	
VLAN Support	IEEE 802.1W—Rapid spanning tree		DHCP Snooping	
	compatibility		IGMP Snooping Querier	
	IEEE 802.3-10BASE-T		Independent VLAN Learning (IVL) support	
	IEEE 802.3u—100BASE-T		Jumbo Ethernet frame support	
	IEEE 802.3ab—1000BASE-T		Port MAC locking	
	IEEE 802.3ac—VLAN tagging		Port mirroring	
	IEEE 802.3ad—Link aggregation		Protected ports	
	IEEE 802.3x —Flow control		Static MAC filtering	
	Bridged Local Area Networks - Amendment	Layer 3	Inter-VLAN Routing	
	07: Multiple Registration Protocol	Features	Static ARP	
			Static Routes	
			RFC 2131 – DHCP Relay	
			RFC 2328 – OSPF Version 2	

RFC 2453 – RIP Version 2

* Feature to be included in a future release.

System Facilities

Event and error logging facility	RFC 1035—Domain names - implementation and specification	
Run-time and configuration download capability	RFC 1321—Message digest algorithm	
PING utility	RFC 1534—Interoperability between BOOTP and DHCP	
FTP Transfers via IPv4/IPv6	RFC 2021—Remote network monitoring management information base version 2	
RFC 768—UDP RFC 783—TFTP	RFC 2030—Simple Network Time Protocol (SNTP)	
RFC 791—IP	RFC 2132—DHCP options and BOOTP vendor extensions	
RFC 792—ICMP	RFC 2819—Remote Network Monitoring Management Information Base	
RFC 793—TCP	RFC 2865—RADIUS client	
RFC 826—ARP	RFC 2869—RADIUS Extensions	
RFC 894—Transmission of IP datagrams over Ethernet networks	RFC 3579—RADIUS support for EAP	
RFC 896—Congestion control in IP/TCP networks	RFC 3580—IEEE 802.1X RADIUS usage guidelines	
RFC 951—BOOTP	RFC 3164—BSD syslog protocol	
RFC 1034—Domain names - concepts and facilities	RFC 3580—802.1X RADIUS Usage Guidelines	

* Feature to be included in a future release.

Management

SNMP v1, v2, and v3

SSH 1.5 and 2.0

RFC 4252—SSH authentication protocol

RFC 4253—SSH transport layer protocol

RFC 4254—SSH connection protocol

RFC 4251—SSH protocol architecture

RFC 4716—SECSH public key file format

RFC 4419—Diffie-Hellman group exchange for SSH transport layer protocol

SSL 3.0 and TLS 1.2

RFC 2246—TLS protocol, version 1.2

RFC 2818—HTTP over TLS

RFC 3268—AES cipher suites for transport layer security

Telnet

Web GUI



SNMP MIBs

Enterprise MIBs for Full Configuration Support of Switching Features	RFC 1213—MIB II	RFC 2819—RMON groups 1, 2, 3, and 9	
	RFC 1493—Bridge MIB	RFC 2863—IF-MIB	
	RFC 1612—DNS resolver MIB extensions RFC 1643—Definitions of managed	RFC 2925—Definitions of Managed Objects for	
		Remote Ping, Traceroute, and Lookup Operations	
	objects for Ethernet-like interface types	RFC 3273—RMON Groups 1, 2, and 3	
	RFC 2233—Interfaces group MIB using	RFC 3291—Textual conventions for Internet	
	SMI v2	network addresses	
	RFC 2613—SMON MIB RFC 2618—RADIUS authentication	RFC 3434—RMON Groups 1, 2, and 3	
		RFC 4022—TCP-MIB	
	client MIB	RFC 4113—UDP-MIB	
	RFC 2674—VLAN MIB		
	RFC 2737—Entity MIB version 2*	* Feature to be included in a future release.	

Quality of Service MIBs MIBs for full configuration support of DiffServ, ACL, and CoS functionality

RFC 3289—Management information base for DiffServ architecture (read-only)

Quality of Service

Classify Traffic Based on Same Criteria as ACLs and Optionally: Mark the IP DSCP or Precedence header fields Police the flow to a specific rate with twocolor aware support

RFC 2474—Definition of the differentiated services field (DS field) in the IPv4 and IPv6 headers

RFC 2475—An architecture for differentiated services

RFC 2597—Assured forwarding Per-Hop Behavior

TX1012-P-AC











TX1012-P-DC











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Ordering	Information		
Туре	Model	Part Number	Description
Switch	TX1012-AC-P	MXTX1012GxPA00	AC Powered Intelligent Ethernet PoE Switch, 8 x 1 Gbps, and 4 SFP+, no pwr cord
Switch	TX1012-DC-P	MXTX1012GxPA20	DC Powered Intelligent Ethernet PoE Switch, 8 x 1 Gbps, and 4 SFP+, no pwr cord
Switch	TX1012-AC-P	MXTX1012GxPA01	AC Powered Intelligent Ethernet PoE Switch, 8 x 1 Gbps, and 4 SFP+, no pwr cord, USA Only
Switch	TX1012-DC-P	MXTX1012GxPA21	DC Powered Intelligent Ethernet PoE Switch, 8 x 1 Gbps, and 4 SFP+, no pwr cord, USA Only
Power Cord	n/a	N000900L092A	AC line cord, US Type B, 15A, 1.2 m C13 connector
Power Cord	n/a	N000900L040A	AC line cord, US Type B, 1.2 m C13 connector
Rack Ears	n/a	MX-Rack-TX1K-0	cnMatrix 19" Rack mount kit: TX1012-P-AC / TX1012-P-DC
Rack Ears	n/a	MX-DIN-TX1K-0	cnMatrix DIN Rail mount kit: TX1012-P-AC / TX1012-P-DC
Transceiver	n/a	SFP-10G-SR	10G SFP+ MMF SR Transceiver, 850 nm40°C to 85°C (-40°F to 185°F)
Transceiver	n/a	SFP-1G-SX	1G SFP MMF SX Transceiver, 850 nm40°C to 85°C (-40°F to 185°F)
Transceiver	n/a	SFP-10G-LR	10G SFP+ SMF LR Transceiver, 1310 nm40°C to 85°C (-40°F to 185°F)
Transceiver	n/a	SFP-1G-LX	1G SFP SMF LX Transceiver, 1310 nm40°C to 85°C (-40°F to 185°F)
Transceiver	n/a	SFP-1G-Copper	1000 Base-T (RJ45) SFP Transceiver40°C to 85°C (-40°F to 185°F)
Transceiver	n/a	SFP-10G-Copper	10G Base-T (RJ45) SFP Transceiver. 0°C to 70°C (-40°F to 185°F)

ABOUT CAMBIUM NETWORKS

Cambium Networks empowers millions of people with wireless connectivity worldwide. Its wireless portfolio is used by commercial and government network operators as well as broadband service providers to connect people, places and things. With a single network architecture spanning fixed wireless and Wi-Fi, Cambium Networks enables operators to achieve maximum performance with minimal spectrum. End-to-end cloud management transforms networks into dynamic environments that evolve to meet changing needs with minimal physical human intervention. Cambium Networks empowers a growing ecosystem of partners who design and deliver gigabit wireless solutions that just work.

cambiumnetworks.com