

Cambium Networks cnMatrix TX 2020R-P

Artikel
Herstellernummer
Cambium Networks

484669
MXTX2020GXPA10



cnMatrix TX provides Wireless ISP operators a non-blocking, fully managed, enterprise grade L2/L3 switch portfolio, flexible and intelligent PoE and Cambium synchronization in a single box solution that is easy to install and manage while improving network performance.

Fully integrated switching solution purpose-built for WISPs that simplifies deployment operations while improving network performance. Integrated with the complete Cambium portfolio of connectivity solutions, managed via the cnMaestro cloud-based management system. Designed based on the specific needs of Wireless ISPs.

Zusammenfassung

cnMatrix TX provides Wireless ISP operators a non-blocking, fully managed, enterprise grade L2/L3 switch portfolio, flexible and intelligent PoE and Cambium synchronization in a single box solution that is easy to install and manage while improving network performance.

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Cambium Networks cnMatrix TX 2020R-P, Managed, L2/L3, Gigabit Ethernet (10/100/1000), Power over Ethernet (PoE), Rack mounting, 1U

Cambium Networks cnMatrix TX 2020R-P. Switch type: Managed, Switch layer: L2/L3. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 16. MAC address table: 16000 entries. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.3, IEEE.... Power over Ethernet (PoE). Rack mounting, Form factor: 1U

Merkmale

Multicast features

Multicast support	Yes
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Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity	16
Basic switching RJ-45 Ethernet ports type	Gigabit Ethernet (10/100/1000)

Power

Power supply included	Yes
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Protocols

Management protocols	SNMP v1/v2/v3
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Power over Ethernet (PoE)

Power over Ethernet (PoE)	Yes
Power over Ethernet plus (PoE+) ports quantity	16

Design

Rack mounting	Yes
Form factor	1U
Reset button	Yes

Management features

Switch type	Managed
Switch layer	L2/L3
Quality of Service (QoS) support	Yes

Operational conditions

Operating temperature (T-T)	-10 - 65 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-55 - 95% H)	

SFP+ module slots quantity	4
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Packaging data

Package width	551 mm
Package depth	485 mm
Package height	128 mm
Package weight	5.35 kg

Weight & dimensions

Width	440 mm
Depth	350 mm
Height	44 mm
Weight	4.3 kg

Performance

Built-in processor	Yes
Processor frequency	800 MHz
Internal memory	512 MB
Flash memory	128 MB
Mean time between failures (MTBF)	250744 h

Data transmission

Throughput	112 Gbit/s
Forwarding rate	120 Mpps
MAC address table	16000 entries
Static route	Yes
Number of static routes	64
Jumbo frames support	Yes
Jumbo frames	9000

Security

DHCP features	DHCP client, DHCP relay, DHCP server, DHCP snooping
Access Control List (ACL)	Yes
IGMP snooping	Yes
IGMP entries	256
IGMP proxy	Yes
MAC address filtering	Yes
SSH/SSL support	Yes

Network

Networking standards	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1s, IEEE 802.1w, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ac, IEEE 802.3ad, IEEE 802.3u, IEEE 802.3x
10G support	Yes
Port mirroring	Yes
Flow control support	Yes
Link aggregation	Yes

Broadcast storm control	Yes
VLAN support	Yes
Number of VLANs	4000

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.