

**Product:** [MTR3600-4C24T-4S](#) 

## MAMMUTHUS Router



### Product Description

MTR3000 series Enterprise Router

### Technical Specifications

#### Product description

Type:	MTR3600-4C24T-4S
Name:	MTR3600-4C24T-4S
Description:	MTR3000 series Enterprise Router
Part Number:	942999775
Port type and quantity:	4 x GE Combo port (WAN), 24 x GE TX port (LAN), 1 x USB2.0 port, 1 x micro USB console port, 1 x RJ45 console port, 1 x microSD card slot
Heat Radiation Type:	Fixed fan

#### Power requirements

Operating Voltage:	100-240VAC, 50-60Hz, fixed dual redundant PSU
Power consumption:	54W

#### Ambient conditions

Permissible Humidity (Storage/Transport):	5% to 95%
Operating temperature:	-10-+55 °C
Storage/transport temperature:	-40°C to +70 °C
Relative humidity (non-condensing):	5-85 %

#### Mechanical construction

Width:	442 mm
Height:	44.3 mm
Depth:	380 mm
Weight:	5.1 kg
Mounting:	Rack mount

#### Software Specifications

Link-layer protocol	DDR, PPP, Frame-Relay, Bridge, HDLC, SNA, PPPoE, LACP, Port isolation, VLAN, Q-in-Q, MSTP, loopback detection, Error-Disable, SPAN, LLDP
TCP/IP Protocol	DHCP, DHCPv6, DDNS/DNS, NAT/NAT64
Routing protocol	Static Route/Static Routev6, RIP/RIPng, OSPFv2/OSPFv3, BGP/BGP4+, IS-IS/IS-ISv6, IRMP, PBR
Security	Support ACL security filtering, SSH, CPU protection, port security, AAA, IKE, PKI, 802.1X, URPF
VPN	MPLS, LDP, L2VPN, L3VPN, MPLS QoS, MPLS OAM, 6PE, GRE/GREv6, IPIP, L2TP, L2TPv3, VRF
QoS	FIFO, PQ, FQ, CBWFQ, LLQ, CAR, H-QoS, traffic shaping, Rate Limitation
Multicast	IGMP, MLD, PIM-SM/SSM, PIM-DM/SDM PIMv6-SM/SSM, MSDP, MVPN
Reliability	Backup interface, VRRP/VRRPv3, VBRP, Track, BFD/BFDv6
Management & Monitoring	Keepalive gateway, NTP, Mirroring, RMON, CLI, SSH, WEB, SNMP V1/V2/V3, Telnet, PING, Trace Route, FTP, TFTP, IPFIX traffic monitoring, IP-SLA

#### Mechanical stability

IEC 60068-2-6 vibration:	1 mm, 2 Hz-13.2 Hz, 90 min.; 0.7 g, 13.2 Hz-100 Hz, 90 min.; 3.5 mm, 3 Hz-9 Hz, 10 cycles, 1 octave/min.; 1 g, 9 Hz-150 Hz, 10 cycles, 1 octave/min
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IEC 60068-2-27 shock:	15 g, 11 ms duration, 18 shocks
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## EMC interference immunity

EN 61000-4-2 electrostatic discharge (ESD):	4 kV contact discharge, 8 kV air discharge
EN 61000-4-3 electromagnetic field:	10V/m (80-1000MHz), 3V/m (1000-6000MHz)
EN 61000-4-4 fast transients (burst):	2 kV power line, 1 kV data line
EN 61000-4-5 surge voltage:	power line: 2 kV (line/earth), 1 kV (line/line), 1 kV data line
EN 61000-4-6 Conducted Immunity:	10 V (150 kHz-80 MHz)
EN 61000-4-8 power freq magnetic field:	30A/m
EN 61000-4-11 voltage dips, short interrupt:	0%(20ms), 40%(300ms), 70%(500ms), 0%(5s)

## EMC emitted immunity

EN 55032:	EN 55032 Class A
EN 61000-3-2:	EN 61000-3-2 Class A
EN 61000-3-3:	EN 61000-3-3
FCC CFR47 Part 15:	FCC 47CFR Part 15, Class A

## Approvals

FCC:	CE/FCC Compliant
China Network Access Certificate:	Compliant
CCC:	Compliant
RoHS Compliant:	RoHS ((EU) 2015/863) and RoHS (GB/T26572-2011) compliant

## Scope of delivery and accessories

Accessories to Order Separately:	1 × device, 1 × installation package
Scope of delivery:	Media module

## History

Update and Revision:	Revision Number: 0.19 Revision Date: 12-10-2024
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