



Product: [MTS8006-Chassis](#) 

MAMMUTHUS Layer3 Modular Core Switch - MTS8000 Series Switch

Product Description

11U rack mount, dual engine, 4 × media modules, 2 × switch fabric units, 4 × modular PSUs, 2 × fan trays

Technical Specifications

Product description

| | |
|-------------------------|--|
| Type: | MTS8006-Chassis |
| Description: | 11U rack mount, dual engine, 4 × media modules, 2 × switch fabric units, 4 × modular PSUs, 2 × fan trays |
| Part Number: | 942999792 |
| Port Type and Quantity: | 2 × engine slots, 4 × media module slots and 2 × switch fabric unit slot |
| Engine Redundancy: | Yes |
| Heat Radiation Type: | 2 × modular redundant fan trays, hot swappable, 2 × fan trays are mandatory for MTS8006-Chassis |

More Interfaces

| | |
|---------------|--|
| Power Supply: | 4 × modular redundant PSUs, hot swappable, Min. 1 × PSU, Max. 4 × PSUs |
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Power requirements

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|--------------------|---------------------|
| Operating Voltage: | 100-240VAC, 50-60HZ |
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Ambient conditions

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|---|------------|
| Permissible Humidity (Storage/Transport): | 5% to 95% |
| Operating temperature: | 0-+55 °C |
| Minimum Storage Temperature: | -40-+70 °C |
| Relative humidity (non-condensing): | 10-90 % |

Mechanical construction

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|-----------------|------------|
| Overall Width: | 441 mm |
| Overall Height: | 488 mm |
| Depth: | 434.8 mm |
| Weight: | 26.8 kg |
| Mount Type: | Rack mount |

Mechanical stability

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|--------------------------|---|
| 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 |
| IEC 60068-2-27 shock: | 15 g, 11 ms duration, 18 shocks |

EMC interference immunity

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|--|---|
| 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 |
| Common Criteria: | EAL 2+ |
| RoHS Compliant: | RoHS ((EU) 2015/863) and RoHS (GB/T26572-2011) compliant |

Scope of delivery and accessories

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|----------------------------------|--|
| Accessories to Order Separately: | Engine, media module, switch fabric, hybrid card, PSU, fan tray, SFP, Network Management Industrial HiVision |
| Scope of delivery: | Device, console cable, installation package, **Power cord does not included in the package |

History

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|----------------------|---|
| Update and Revision: | Revision Number: 0.59 Revision Date: 02-03-2025 |
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Variants

| Item # | Type |
|-----------|-----------------|
| 942999792 | MTS8006-Chassis |

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