

QuickTrex 14 Slot Media Converter Chassis

QT-MCC-2U-14S-65W



- Configuration of main and backup power supplies ensures system stability.
- AC 220V power input, suitable for various working environments.
- 14 slots for directly installing desktop fiber optic transceivers, providing convenience for users.
- Supports multiple modules operating simultaneously, with hot-swapping capability for each module.
- Modular power supply design ensures stable power and long lifespan.
- 1 years warranty.

RoHS **FC** **CE**

Introduction

QT-MCC-2U-14S-65W is a 14-slot media converter chassis designed to serve as a wiring concentrator, a centralized power hub and a versatile mounting solution for QuickTrex's standalone media converters. With a robust 19" rack-mountable, 2U-high design, this chassis is built for high-density fiber optic network applications. It offers modular flexibility, redundant power supplies and hot-swappable media converters, ensuring maximum uptime and seamless integration into enterprise and industrial networks. Additionally, it enhances network reliability with system monitoring and fault alerts, providing a clean and efficient networking solution.

TECHNICAL SPECIFICATION

Model	QT-MCC-2U-14S-65W	
Environment	Operating Temperature	0 ~ 50°C
	Operating Humidity	5% ~ 90%
Power Supply	Quantity	2 (Redundant)
	Input Voltage	100 ~ 240V AC
	Output Voltage	5V
	Maximum Output Power	65W

Supported Module Types	10/100M Single-Mode or Multi-Mode Transceivers
	10/100M Single-Mode or Multi-Mode Transceivers
	10/100/1000M Adaptive Single-Mode or Multi-Mode Transceivers
Dimensions	485 × 245 × 90 mm (L × W × H), excluding panel: 425 × 245 × 90 mm 19-inch 2U rackmountable
Weight	Approx. 5.2 kg
Certification	CCC; CE mark, commercial;CE/LVD EN60950; FCC Part 15 Class B;RoHS
Product Features	
1	Standard chassis design, suitable for installation in server room racks for unified management and maintenance.
2	Modular power supply design facilitates maintenance, provides better shielding, and prevents electromagnetic interference from affecting module operation.
3	Supports up to 14 fiber optic transceiver modules simultaneously, each of a different model if needed.
4	Each module can operate independently or cooperatively for network diagnostics.
5	All slots support hot-swapping.
6	Main and backup power configuration ensures uninterrupted system operation.
7	AC 220V power supply makes it suitable for various working environments.
8	Modular power supply ensures easy maintenance and effective shielding.
9	Simultaneous operation of multiple modules greatly enhances system applicability.
10	Suitable for areas with wide voltage fluctuations.
11	Ideal for telecom, CATV, Ethernet, and fiber optic data centralized network management.
12	Applicable to centralized intelligent fiber networks.
13	Suitable for server rooms requiring centralized management and control.
14	Meets high-performance network security requirements.
15	Fully complies with telecom-grade operational standards, with an average mean time between failures (MTBF) exceeding 50,000 hours.

INSTALLATION

1. Install the Chassis:

Mount the 14-slot chassis into a standard 19" cabinet and secure it firmly.

2. Insert Media Converter Modules:

Slide each card-type media converter into the guide rails of the corresponding slot.

Ensure the power connector of the media converter is properly inserted into the chassis power port.

Fasten the screws to secure the module.

Repeat the above steps to install all required media converters.

Cover any unused slots with blank panels to protect the chassis.

3. Power Supply (Dual PSU Models Only):

If the chassis is equipped with dual power supplies, turn on both units.

Both power supplies will operate together, extending their service life and ensuring that the chassis continues to operate normally even if one power supply fails.