



Redefine what media converter can do

BRIEF

Infinicore™ new generation MC-3 Smart Media Converter is designed to meet the challenges of support up to 45 feet Direct Attached Copper (DAC) Cable in addition to fiber cable within media conversion environment. As its predecessor, MC-3 is capable of synchronizing link status between two media segment and providing a powerful CLI for advanced cable diagnosis and management.

MC-3 Media Converter is powered by the innovative dual-chip data path architecture with ease to use USB based user interface. It is low power, feature rich and low end-to-end latency.

BENEFITS

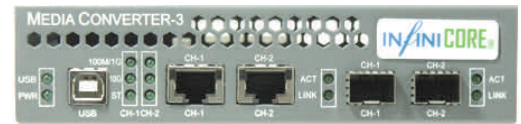
- Small Form Factor; 2 Independent lossless Media Conversion Path
- Support up to 45 feet of Direct-Attached-Copper Cable
- USB based User Interface for control and visibility. Fully automated operation that works when powered on.
- Less than 300ns add on latency on optical path with line rate media conversion. Minimal impact to the networks and equipments.
- Multiple loopback modes; Automatic detection and correction of wiring pair swaps and polarity swaps

CONTACT US

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Infinicore™ Media Converter - 3 Bridging 10GBase-T Network Into Distance

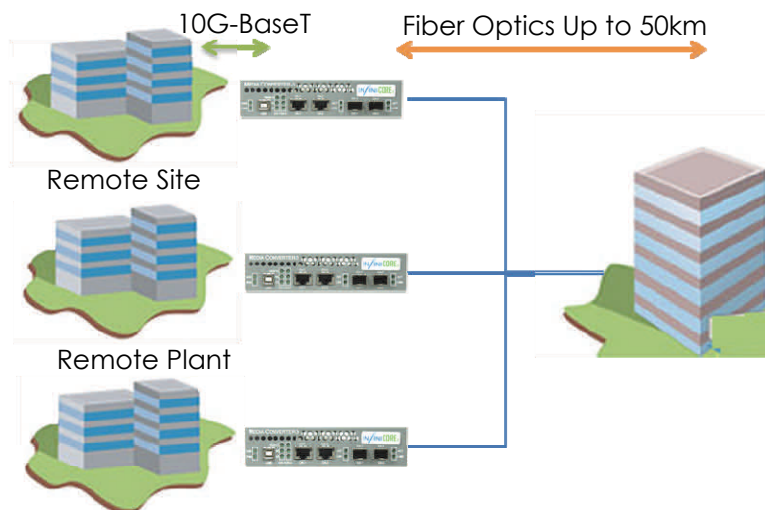
Cost Effectively Extend 10G-BaseT Network Into Distance ■

Link Redundancy and Rich Diagnosis Features ■

Range of 10G-BASET Networks

10G-BaseT is growing its popularity in enterprise networks, data center and remote data processing sites due to the low cost and high performance. However compared to fiber optics based technologies such as 10G-BaseSFP+, 10G-BaseT is limited by the range of 100 meters even with the best cable available. Infinicore MC-3 can be used to overcome the downside and offer the best breed of both technologies.

SOLUTIONS



Infinicore™ MC-3 provides both 10G-BaseT and 10G-BaseSFP+ interfaces in a small, low power form factor. More importantly the hardware based conversion path guarantees that there will not be packet loss even under bi-directional 40 Gbps traffic at minimum packet size. The MC-3 SFP+ interface supports long range SFP+ module up to 50km.

Order Information

Infinicore Part Number	Description
MC-3-10G-T-SFP+	MC-3 Dual Port 10G Media Converter with USB CLI support

