

**PRODUCT DATA SHEET**

**Fiber Media Converter 10/100/1000Base-TX to 1 Gbs SFP Slot**

**Overview:**

NTFMC101GCH fiber Ethernet media converter creates a cost-effective Ethernet to fiber link, transparently converting to/from 10Base-T or 100Base-TX or 1000Base-TX Ethernet signals to 1000Base-FX fiber optical signals to extend an Ethernet network connection over a multimode/single mode fiber according SFP module installed.

Easy to set-up and install, this compact, value-conscious fast Ethernet media converter features auto-switching MDI and MDI-X support on the RJ45 UTP connections as well as manual controls for UTP mode, speed, full and half duplex.

**Feature:**

- Support 1 1000Base-FX fiber port and 1 10/100/1000Base-TX RJ45 Port.
- Support IEEE802.3, IEEE802.3u fast Ethernet.
- Full and half duplex communication.
- Plug and play.
- Easy to read LED indicators.
- Includes external 5VDC power supply.



**Technical Specification:**

<b>Protocol</b>	IEEE802.3, IEEE802.3u
<b>Wavelength</b>	According SFP module installed
<b>Transmission Fiber Distance</b>	According SFP module installed
<b>RJ45 Port</b>	10/100/1000Base-TX RJ45 port
<b>Fiber Port</b>	LC simplex or duplex according SFP module installed
<b>Exchange Attribute</b>	Packet Buffer Size: 1M MAC Table Size: 1K Store and Forward: 9.6us Error Rate: <1/1000000000
<b>Power Supply</b>	Power Input: 5VDC Full Load: <2.5 watts
<b>Operating Environment</b>	Operating Temperature: -10-70°C Storage Temperature: -10-70°C Storage Humidity: 5% to 90% non-condensing
<b>Weight</b>	400g
<b>Dimension</b>	94mm*71mm*26mm(L*W*H)
<b>Certification</b>	CE, FCC, RoHS
<b>Warranty</b>	3 years



LED Indicator:

Led Light	Function	State	Working
PWR	Power status	On	Power on
		Off	Power off
LINK/ACT	10/100/1000Base-TX RJ45 Port operation	On	Ethernet connected
		Blinking	Date transfer
		Off	No connection
1000	Ethernet(RJ45) port mode	On	1000Mbps date transfer
		Off	100Mbps or no connection
100	Ethernet(RJ45) port mode	On	100Mbps date transfer
		Off	1000Mbps or no connection
FX	1000Base-FX fiber port operation	On	Fiber connected
		Blinking	Date transfer
		Off	No connection
FDX	1000Base-FX fiber port link status indicator light	On	Full duplex
		Off	Half duplex

Structure Diagram:

