



**niveo**  
P R O F E S S I O N A L



## NMC1012

(10/100/1000BaseT to 1000BaseSX/LX Media Converter)

**More information:**

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## Key Features

- Compliant with IEEE 802.3ab 1000BaseT and IEEE 802.3z 1000BaseSX/LX Gigabit Ethernet Standards
- One 10/100/1000BaseT Gigabit Ethernet TP Port and One 1000BaseSX/LX Gigabit Ethernet Fiber Port
- One 1000BaseSX/LX Gigabit Fiber Port can support either Multi or Single Mode
- TP Port can support Full-Duplex, Auto-MDI/MDI-X and Auto-Negotiation

## Technical Specifications

| ModelNo    | Wavele | Media | Distance | TX Power (dBm) | RX Sensitivity (dBm) | Power Budget (dBm) |
|------------|--------|-------|----------|----------------|----------------------|--------------------|
| NMC1012R   | 850    | MMF   | 220/550m | -9.5 ~ -4      | Max. -18             | 8.5                |
| NMC1012RSM | 1310   | SMF   | 10 km    | -9.5 ~ -3      | Max. -20             | 10.5               |

|                              |  |
|------------------------------|--|
| <b>Standards</b>             | IEEE 802.3ab 10BaseT<br>IEEE 802.3u 100BaseTX<br>IEEE 802.3z 1000BaseSX/LX<br>IEEE 802.3x Flow Control   |
| <b>Features</b>              | Number of Ports:<br>1 10/100/1000BaseT with RJ-45 Connector<br>1 1000BaseSX/LX with Fiber Connector (Multi/Single Mode, SC Connector)  |
| <b>Data Transfer Rate</b>    | 2000Mbps/Full-Duplex   |
| <b>Transmission Media</b>    | TP:10/100/ 1000BaseT Cat. 5, 5E, 6 UTP/STP, up to 100 m<br>1000BaseSX:<br>62.5/125µm Multi Mode Fiber optic cable, up to 220 m<br>50/125µm Multi Mode Fiber optic cable, up to 550 m<br>1000BaseLX:<br>9/125µm Single Mode Fiber optic cable |
| <b>Led Indicators</b>        | Per Port:<br>(TX): Link, TX<br>(FX): Link, RX<br>Per Unit: Power   |
| <b>Power Requirement</b>     | DC 5V/2A   |
| <b>Power Consumption</b>     | 10 Watts (Max)   |
| <b>Dimensions</b>            | 102 × 74 × 22 mm (L x W x H)   |
| <b>Weight</b>                | 240g   |
| <b>Operating Temperature</b> | 0 to 40°C  |
| <b>Storage Temperature</b>   | -20 to 90°C  |
| <b>Humidity</b>              | 10 to 90% RH (non-condensing)  |
| <b>Certifications</b>        | FCC Class B, CE  |