The Avnet Network FMC Module enables Industrial Ethernet digital communications, which is a key component to Industry 4.0 applications. The module is designed to operate with any Avnet or Xilinx base board that is FMC enabled. Utilizing the dual compatible 10/100/1000 Ethernet PHYs, the Network FMC Module can quickly get you started with Xilinx FPGA and SoC based designs.

FEATURES
- FMC LPC single-width module
- Dual RGMII 10/100/1000 Ethernet PHY
- Dual Ethernet MAC ID EEPROM
- IPMI EEPROM
- Bi-Color Status LEDs
- 3.3V - 1.8V IO Voltage compatibility

To purchase this kit, visit http://avnet.me/fmc-network1

KIT INCLUDES
- Network FMC Module
- Downloadable Schematics, BOM, and User Guide

TARGET APPLICATIONS
- Industrial Ethernet
- Gigabit Ethernet Switch
- Industrial IoT Gateway
- Hardware Accelerated Router
- Traffic Monitoring
- Time-Sensitive Networking (TSN) Real-Time
FEATURED MANUFACTURERS

PARTS

<table>
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<th>Part Number</th>
<th>Description</th>
<th>Resale</th>
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<tr>
<td>AES-FMC-NETW1-G</td>
<td>Dual Gigabit Networking FMC Module</td>
<td>$149 USD</td>
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RELATED PARTS

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<th>Part Number</th>
<th>Description</th>
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<td>AES-ZU3EG-1-SOM-G</td>
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<tr>
<td>AES-ZU3EG-1-SOM-I</td>
<td>UltraZed-EG SOM (Industrial Temp)</td>
<td>$535 USD</td>
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<tr>
<td>AES-ZU-PCIECC-G</td>
<td>UltraZed PCIe Carrier Card</td>
<td>$499 USD</td>
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Countries Available for Purchase: Americas, EMEA, Asia, Japan