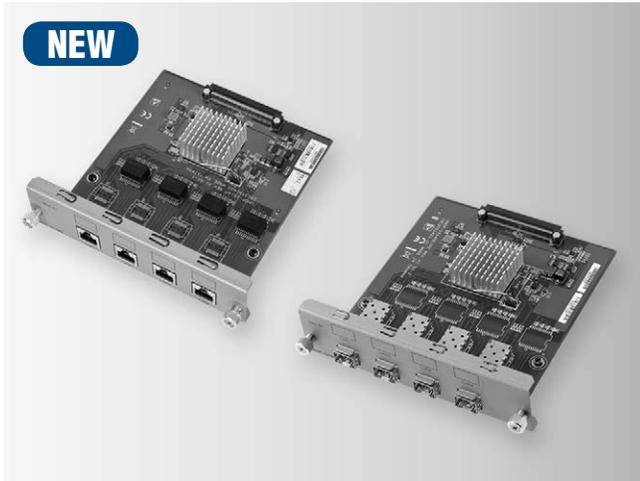# UNOP-1514RE/PE

4-Port Gigabit Base Ethernet Card

NEW

Features

- Intel® 82580 4-Port Gigabit Ethernet Controller
- 4-Port RJ45 or SFP pluggable modules LAN
- SFP socket for easy and flexible fiber expansion
- IEEE 1588 Precision Time Protocol support
- 120 Pin Connector for UNO-4673A/83 Series (PCI-Express X 1 compliant)

CE FCC

Introduction

The UNOP-1514RE/UNOP-1514PE is a PCI express communication card which can support 4 independent 10/100/1000Base Ethernet ports. The Gigabit Ethernet card provides the high performance with a 10/100/1000 Base Ethernet LAN Controller(Intel @82580),which is perfect for use in industrial applications and smart substations. It provides an excellent solution and can be connected to a high speed Local Area Network with a data transfer rate of up to 1000Mbps over a group of 4 twisted pair copper wires to a maximum distance of 100 meters. Therefore, it can be easily plugged into any existing network with CAT-5 cabling or an SFP Module .

Specifications

General

- **Connector**   20-pin connector for UNO-4673A/83 series PCIe
- **Bus Interface**   PCI Express® x 1 compliant
- **Dimensions**   5.3" X 6.0" (136 x 150 mm)
- **Power Consumption** 5V ±5% @ 400mA typical
- **Certification**   CE/FCC

UNOP-1514PE

- **Connector**   SFP
- **Ports**   4
- **Compatibility** IEEE 802.3 Ethernet interface
- **Speed**   1000M bps

UNOP-1514RE

- **Connector**   RJ45
- **Ports**   4
- **Compatibility** IEEE 802.3 Ethernet interface
- **Speed**   10/100/1000M bps

Environment

- **Operating Temp.**   -20 ~ 70°C (-4 ~158°F)
- **Operating Humidity** 10 ~ 90% RH non-condensing
  (refer to IEC 60068-2-3)
- **Storage Humidity**   5 ~ 95% RH non-condensing
  (refer to IEC 60068-2-3)

Ordering Information

- **UNOP-1514RE-AE**   4-port RJ45 Gigabit Base Ethernet Card
- **UNOP-1514PE-AE**   4-port SFP Gigabit Base Ethernet Card

Accessories

- **SFP-GTX/RJ45**   1000Base RJ45 SFP module
- **SFP-GSX/LC**   1000Base-SX Multi-mode SFP module
- **SFP-GLX/LC-10**   1000Base-LX Single-mode SFP module (10 km)
- **SFP-GLX/LC-20**   1000Base-LX Single-mode SFP module (20 km)
- **SFP-GLX/LC-40**   1000Base-LX Single-mode SFP module (40 km)