

# **UT-N7091-TX**

**(Material name: 1-Port 10G Open SFP+ Network Card)**

## **Datasheet**

## 1.Brand and Manufacturer Information

- Brand : UTEK
- Manufacturer :
- Logo : **UOTEK®**

## 2.Material model and version

- Model : UT-N7091-TX
- Version : VER1.0.1

## 3.Overview

This fiber network card delivers reliable, high- performance network connectivity, by adding an open SFP+ slot to your server or workstation .It provides an easy and cost- effective way to upgrade your server or workstation to a 10 Gigabit fiber network using the SFP+ module of your choice and gives you the flexibility to use either multi- mode or single- mode fiber .

## 4.Picture



## 5.Main Features

- Add 10Gbps network connectivity to file or application servers and high-performance workstations
- Transmit full 10 Gigabit network speeds to a remote terminal over longer distances than copper cabling
- Intel 82599 chipset with Intel Virtualization Technology for connectivity
- PXE network boot support
- Compliant with IEEE 802.3ae (10GBASE-LR/SR only) and IEEE 802.3aq (10GBASE-LRM)
- Compliant with PCI Express Rev 2.0 specification, using PCIe x8 (or higher) slot
- Up to 15K jumbo frame support
- Complies with Microsoft and Linux platforms

## 6.Specifications

Hardware	Bus Type	PCI Express x8
	Card Type	Standard/Low Profile
	Chipset ID	Intel – 82599EN
	Industry Standards	IEEE 802 .3ae (10GBASE-LR/SR only), IEEE 802 .3aq (10GBASE-LRM)
	Interface	Fiber (10 Gigabit Ethernet)
	Ports	1
Software	Compatible Networks	10Gbps
	Full Duplex Support	Yes
	Jumbo Frame Support	15K max
	Maximum Data Transfer	10Gbps
	Rate Supported Protocols	IEEE 802 .3ad (Link Aggregation) IEEE 802 .3x (Flow Control Support) IEEE 802 .1Q (VLAN tagging)
	OS Compatibility	Windows® 7、8.x、10、11 Windows Server® 2008 R2, 2012, 2016,2019(Windows drivers are supported in 64-bit OS only) Linux 2.6.x to 4 .x

Special Notes / Requirements	Note: System and Cable Requirements	The maximum throughput of this card is limited by the bus interface. If used with PCI Express Gen 1.0 enabled computers, the max throughput is 2.5 Gbps. If used with PCI Express Gen 2.0 enabled computers, the max throughput is 5 Gbps.  PCI Express enabled computer with an available PCI Express X8 slot or higher (x16)
Indicators	LED Indicators	1 – Link/Act (Green) 1 – Link (Green)
Environmental	Humidity	20~80% RH
	Operating Temperature	5°C ~ 50°C (41°F ~ 122°F)
	Storage Temperature	-25°C ~ 70°C (-13°F ~ 158°F)
Physical Characteristics	Product Height	55 mm
	Product Length	125 mm
	Product Width	22 mm
List of attachments	Included in Package	1 – 1-Port 10G SFP+ Network Card 1 – Driver CD