Features:

- 2*10/100/1000Base-TX RJ45 port(Data)
- 8*1000M SFP
- CE mark, commercial；CE/LVD EN60950；FCC Part 15 Class B；RoHS

Description:

ITT-SW4847 is an enterprise class all gigabit optical fiber convergence switch supporting Ethernet transmission. It is specially designed for enterprise customers to optimize and enhance the design and has higher reliability. It provides 8*1000M SFP and 2* 10/100/1000m RJ45 uplink ports with line speed forwarding capability per port. This series of switches can realize the conversion of electric port signal and optical port signal, and gather long-distance data and video signal through optical fiber transmission.

Port performance

- 32G backplane bandwidth, high performance 500MHz CPU, 4.1M cache, 14.4M packet forwarding rate, and 9K macroframe transmission.
- High performance dual power redundancy configuration, server level reliability.
- Provide 8 gigabit SFP ports.
- Provide 2*10/100/1000m RJ45 uplink ports for high-speed uplink transmission.
- Each port supports MDI / mdix automatic flip and duplex / rate self negotiation.
- Support IEEE 802.3x full duplex flow control and backpressure half duplex flow control.

Optical fiber transmission

- Flexible networking, single fiber, double fiber, single mode, multi-mode and other different optical fiber modules can be configured on demand to adapt to different interface equipment.
- The transmission wavelength is 1310nm and the receiving wavelength is 1550nm.
- The maximum transmission distance is up to 20km through one network cable.
- The maximum transmission distance of single-mode single fiber is 20km.
- The maximum transmission distance of single mode dual fiber is 20km.
- The maximum transmission distance of multimode dual fiber is 850m/2km.
- 3 ~ 80km optical module can be customized.

The equipment is stable and reliable

- Energy saving technology is adopted to automatically adjust the signal strength by detecting the network cable length and workload to effectively reduce energy consumption.
- The equipment meets the national CCC standard, fully meets the safety requirements, and is safe and reliable.

Easy to use

- Plug and play.
- Dynamic LED indicator provides simple working status prompt and troubleshooting.

Complete set of accessories

By default, the switch is equipped with an AC power cord.

Technical Parameters:

• **Fixed Port**	➢ 2*10/100/1000Base-TX RJ45 port(Data) ➢ 8*1000M SFP
• **Network Protocol**	➢ IEEE802.3 ➢ IEEE802.3i 10BASE-T ➢ IEEE802.3u100BASE-TX ➢ IEEE 802.3ab1000BASE-T ➢ IEEE802.3x ➢ IEEE 802.3z 1000BASE-X
• **Port Specification**	➢ 10/100/1000BaseT（X） Auto
• **Transmission Mode**	➢ Store and Forward(full wirespped)
• **Bandwidth**	➢ 32Gbps
• **Packet Forwarding**	➢ 14.44Mpps
• **MAC Address**	➢ 8K
• **Buffer**	➢ 4.1M
• **Transmission Distance**	➢ 10BASE-T ： Cat3,4,5 UTP(≤250 meter) ➢ 100BASE-TX ： Cat5 or later UTP(150 meter) ➢ 1000BASE-TX ： Cat6 or later UTP(150 meter) ➢ Optional single mode single fiber(MAX 20KM) ➢ Optional single mode double fiber (MAX 20KM) ➢ Optional multiple mode double fiber(MAX 850M/2KM) ➢ Optional 3-80KM SFP
• **Watt**	➢ ≤15W；
• **LED Indicator**	➢ PWR:Power LED ➢ SYS:(System LED） ➢ Port:(Green=10/100M LED+Orange=1000M LED) ➢ 1~8:(SFP LED）
• **Power Input**	➢ External power DC 12V 2A

• **Operating Temperature/Humidity**	➤ -10～+55°C；5%～90% RH Non coagulation
• **Storage Temperature/Humidity**	➤ -40～+75°C；5%～95% RH Non coagulation
• **Product size/Packing size （L*W*H）**	➤ 225mm*105mm*35mm ➤ 295mm*170mm*100mm
• **N.W/G.W（kg）**	➤ 0.6kg/0.9kg
• **Installation**	➤ Desktop
• **Lightning protection level**	➤ IP30 ➤ 3KV 8/20us；
• **Certificate**	➤ CE mark, commercial；CE/LVD EN60950；FCC Part 15 Class B；RoHS；