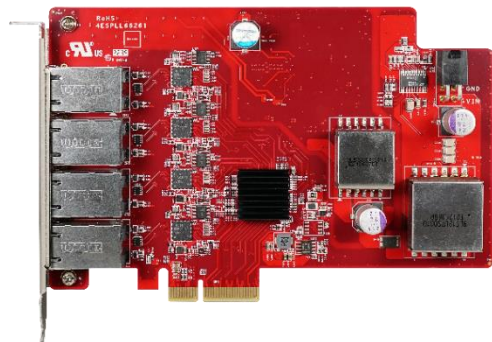


ESPL-24P1

PCIe to Four 2.5GbE PoE / PoE+ Module



HIGHLIGHT FEATURES

- Four 2.5GbE LAN ports
- Complies with IEEE 802.3af, up to 15.4W at 52V per PoE port
- Complies with IEEE 802.3at, up to 25.5W at 52V per PoE+ port
- Complies with EN61000-4-5 2kV surge protection
- Supports 12V to 24V power input via 4pin PCIE-ATX
- Four independent PSE channels
- Supplies total power up to 75W

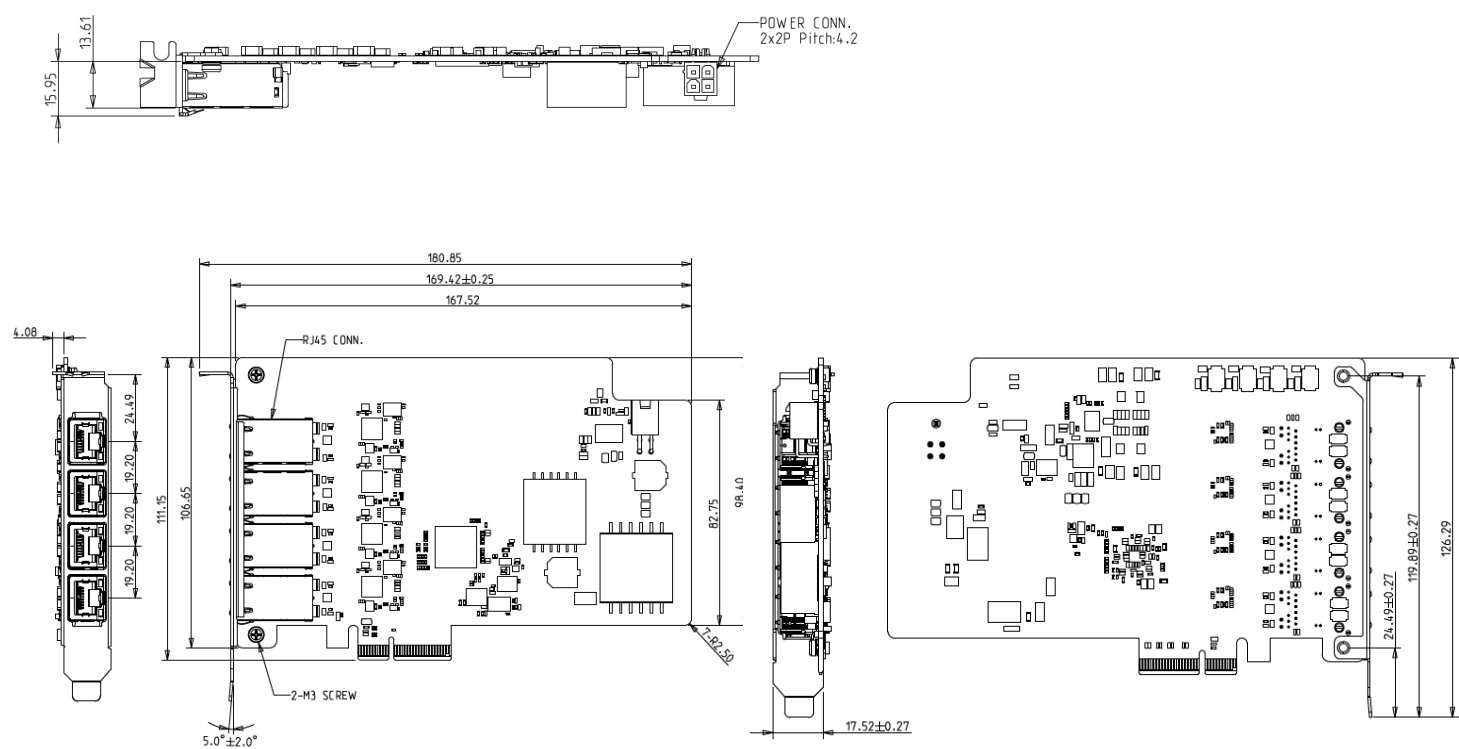
SPECIFICATIONS

Model Name	ESPL-24P1
Module Type	PCIe to Four 2.5GbE PoE / PoE+ Module
Form Factor	Standard PCIe
Function	PoE+
Input I/F	PCI Express 2.1 x4
Output I/F	2.5GbE PoE / PoE+
Output Port	4
Output Connector	RJ45
Max. Power Consumption	LAN : 7.42W (12V, 443mA ; 3.3V, 636mA) PoE : 86.4W (12V, 7.2A)
Dimension (W x L x H/mm)	169.55 x 111.15 x 19.6
Temperature	Operation : S/T 0°C ~ 70°C ; W/T -40°C ~ 85°C (Ta) Storage : -55°C ~ 95°C (Ta)
Vibration	5G@[7~2000Hz]
Shock	50G@0.5ms
OS Support	Windows : 10 (64bit) and above version Linux (igc) : Kernel 5.x and above version
Warranty	3 Years
Notes	• Please download driver from Intel official website. • Linux Kernel rebuild is needed (modify igc driver) if version < 5.16.18. • Not recommend used in VMware ESXi due to High Latency. • Not support Intel vPro.

ORDER INFO.

P/N	Description
ESPL-24P1-C1	PCIe to Four 2.5GbE PoE / PoE+ Module / Standard Temperature
ESPL-24P1-W1	PCIe to Four 2.5GbE PoE / PoE+ Module / Wide Temperature

MECHANICAL DRAWING



MATING POWER CONNECTOR PINOUT

