

8x PoE board (PSE)

The PoE PSE expansion card expands product functionality, transforming the AI BOX PC into a powerful Power over Ethernet (PoE) Power Provider (PSE). It enables seamless data and power delivery to powered devices (PDs) over a single Ethernet cable.

Applications:

- IP Camera Systems
- VoIP Phones
- Wireless Access Points

item	Specification
PCIe Switch	PCIe Gen2x2 packet switch, DIODES PI7C9X2G608GP
Product Type	4/8 port Gigabit Ethernet with PoE expansion daughter board
Connect interface	40pin 0.5mm High Speed Coaxial connector, 150mm micro coaxial cable
Network	● 4x/8x Gigabit ethernet Independent Intel I210 network control IC for each port ● 2 port support PoE-PSE 802.3at 25.4W, 6 port support 802.3af 15.4W, total power budget 90W ● M.2 Key. B 3042/3052 for 4G/5G Module
Power output	Molex Mini-Fit 4pin compatible, DC 12V output to Carrier Board (7A, 84 Watt)
Power Input	External DC 12-54V Input, terminal Block with lock (PWR control (AGND, V-, V+))
Mechanical	Dimensions: 150mm x 95mm x 33mm
Temperature	Operating temperature: -40 to 50°C (-40°F to +122°F) Storage temperature -40°C ~ 50°C Relative humidity 40 °C @ 95%, Non-Condensing

* All specifications are subject to change without prior notice.