

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 ● 4 port support PoE-PSE 802.3at 25.4W, 4 port support 802.3af 15.4W, total power budget 120W ● M.2 Key. B 3042/3052 for 4G/5G Module for D317, D333 SKU
Power output	Molex Mini-Fit 4pin compatible, DC 12V output to Carrier Board (7A, 84 Watt) for D317, D333 SKU
Power Input	For D317, D333 SKU : External DC 12-54V Input, terminal Block with lock (PWR control (AGND, V-, V+)) For D331 SKU : mini-fit compatible 4 pin DC input
Mechanical	Dimensions: 150mm x 95mm x 33mm
Temperature	Operating temperature: -40 to 45°C (-40°F to +113°F) at 24V DC input Storage temperature -40°C ~ 50°C Relative humidity 40 °C @ 95%, Non-Condensing

* All specifications are subject to change without prior notice.