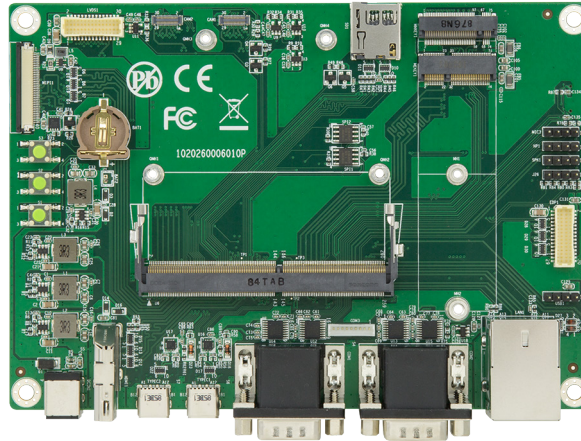


PBA-9000-A

SOM

SOM Family Carrier Board



Features

- Powerful extend Carrier Board for SOM Family
- Multi-Interface to maximize SOM family for variety of applications

System	
Form Factor	SOM Family Carrier Board
I/O	
Display	1 x HDMI; 1 x MIPI DSI; 1 x eDP; 1 x LVDS
Camera	2x MIPI CSI RX up to 13MP
Audio	2 x 1W (@8Ω)Speaker; 2 x Analog Microphone; 1 x Digital Microphone; 1 x Headphone out
Ethernet	1 x GbE w/RJ-45 connector
USB Port	4 x USB 2.0 ports 2 x USB Type-C ports
Serial Port	2 RS232 ports, 2-wire; 2 RS232 ports, 4-wire
RTC	Supported
ADC	10-bit resolution; Up to 1MS/s sampling rate; 3 port 1.8V range single-ended input channels
SD Card	Supported
SPI	2
I2C	2

Mechanical & Environmental	
Power Requirement	12V/3A
Power Consumption	6 ~ 8 W (Typical)
Operation Temp.	-10 ~ 60°C (14 ~ 140°F)
Dimension (L x W)	165 x 115 mm (6.5" x 4.53")