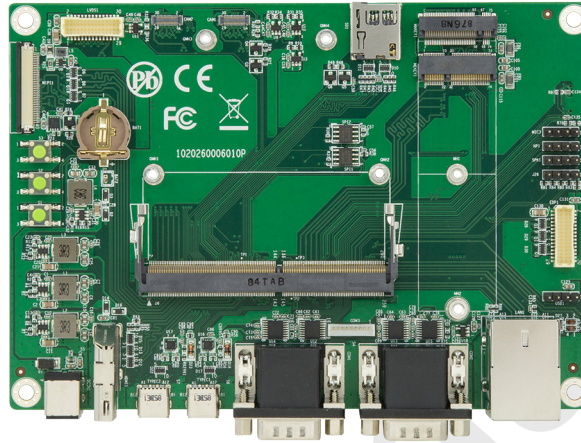


PBA-9000-A

SOM

SOM Family Carrier Board



Features

- Powerful extended Carrier Board for SOM family
- Multi-interface for maximizing SOM family for diverse applications

Form Factor	SOM Family Carrier Board	Mechanical & Environmental
I/O		Power Requirement 5V/3A
Display	1 x HDMI; 1 x MIPI DSI; 1 x eDP	Power Consumption TBD
Camera	2x MIPI CSI RX up to 13MP	Operation Temp. -20 ~ 70°C (-4 ~ 158°F)
Audio	2 x 1W (@8Ω) Speaker; 2 x Analog Microphone; 1 x Digital Microphone; 1 x Headphone out	Dimension (L x W) 165 x 115 mm (6.5" x 4.53")
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 UART ports, 2-wire; 2 UART ports, 4-wire	
RTC	Supported	
ADC	10-bit resolution; Up to 1MS/s sampling rate; 3 port 1.8V range single-ended input channels	
SDIO	Supported	
DIO	8-bit DI, 8-bit DO	
GPIO	Supported	
SPI	2	
I2C	2	