SUPERMICRO®

AOM-PICO-3L
QUICK REFERENCE GUIDE REV. 1.00

WARNING: This product can expose you to chemicals including lead, known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

Add-on Module Layouts and Features

Top Layout

= mounting hole
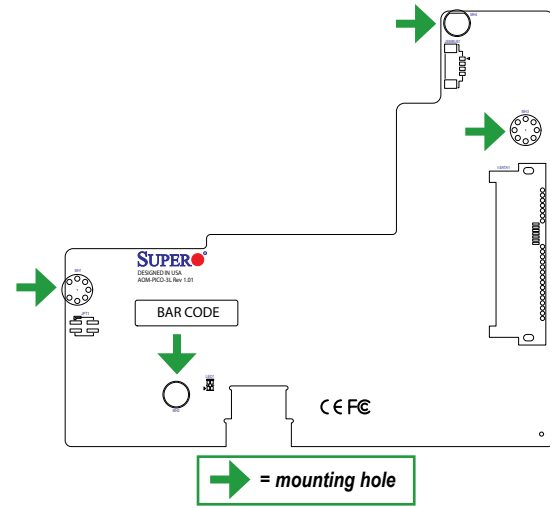
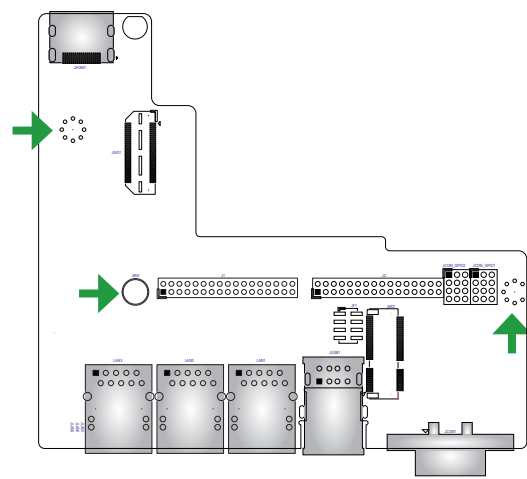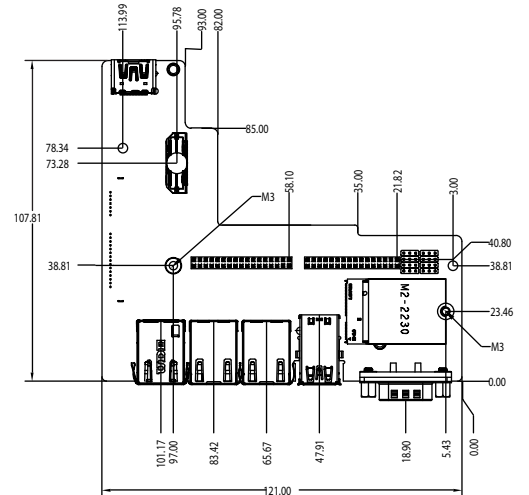### Top Mechanical Drawing
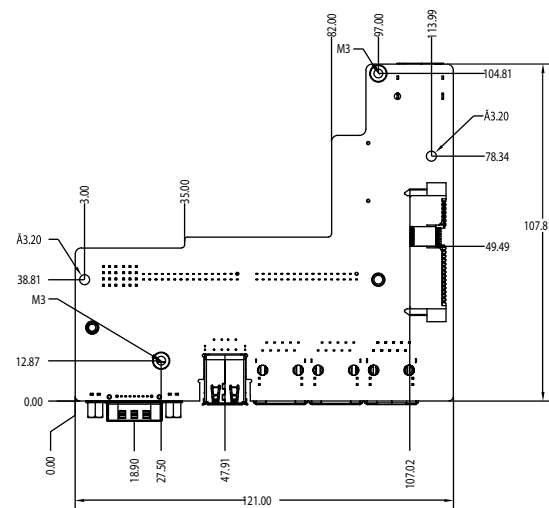
Bottom Layout

Bottom Mechanical Drawing

Add-on Module Drawing (Front I/O View)
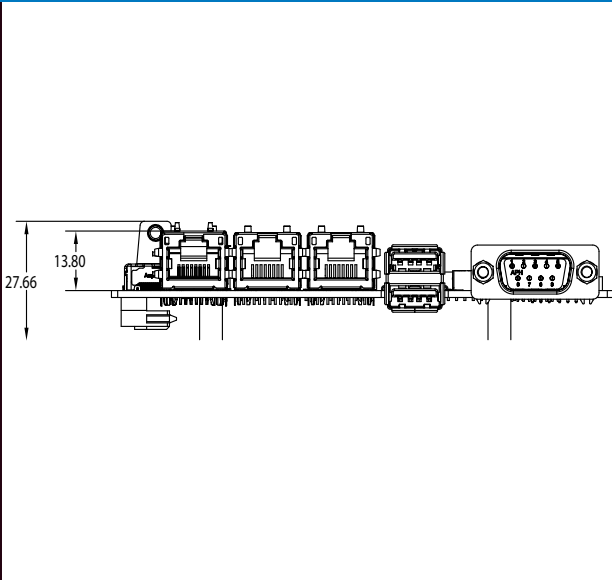
Add-on Module Drawing (Back I/O View)

Note: Graphics shown in this quick reference guide are for illustration only. Your components may or may not look exactly the same as drawings shown in this guide.
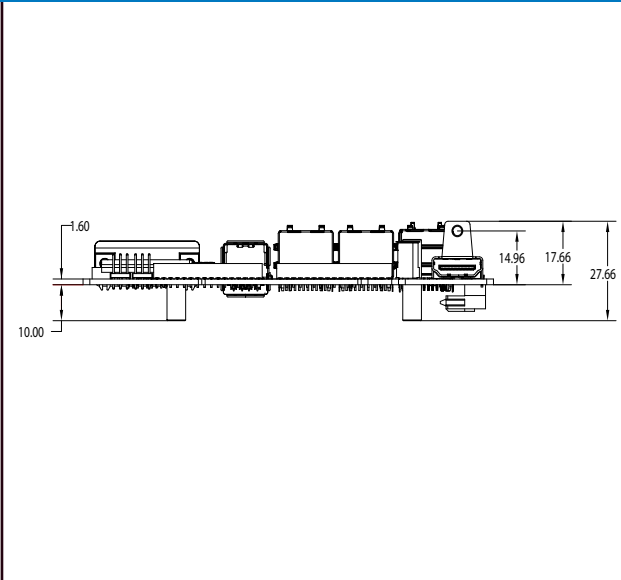
Jumpers and Connectors

Connectors

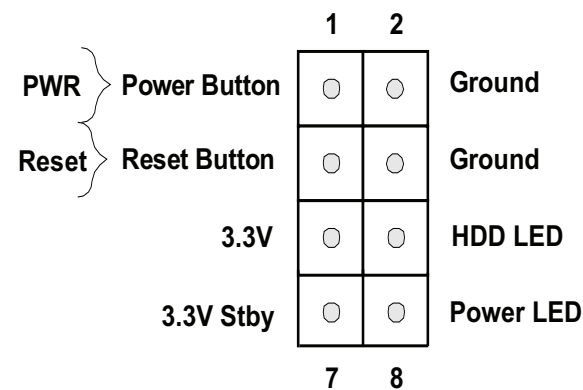| Connector	Description
J1	Stackable Pin Header A (Two RS232/422/485 and Mic-In/Line Out)
J2	Stackable Pin Header B (Two USB2.0/Front Panel/8-bit GPIO)
JCOM1	COM Ports (RS-232/422/485)
JEIO1	Supermicro Extension I/O Header (DP/HDMI, Two PCI-E x1, Two USB 2.0, LPC, SATA SMBus, Power) or 8 Bit GPIO (Select by JCOM-GPRIO1/2)
JF1	Front Control Panel Header (Power/HDD, LED/Reset, Power Button)
JHDMI1	High Definition Multimedia Interface (HDMI) Port
JMD1	M.2 Slot (E-KEY 2230) (Supports PCI-E x 1/USB 2.0)
JSMBUS1	System Management Bus Header
JUSB1	Two Back Panel USB 2.0 Ports
I-SATA1	Onboard SATA Connector
JLAN1/JLAN2/JLAN3	LAN1/LAN2/LAN3 (RJ45 LAN) Ports
MH1 - MH5	Mounting Holes

Jumpers

Jumper	Description	Default
JTP1	TPM Enable/Disable Header	Pin 1-2 (Enabled)
JCOM_GPRIO1/2	8-bit GPIO via DB9	Pins 2-3/5-6/8-9/11-12 (COM) (Default) Pins 1-2/4-5/7-8/10-11 (GPIO)

LED Indicators

LED	Description	Status
LED1	Power LED	Solid Green: Power ON

Front Control Panel (JF1)

	1	2	
PWR Power Button	○	○	Ground
Reset Reset Button	○	○	Ground
3.3V	○	○	HDD LED
3.3V Stby	○	○	Power LED
	7	8	

Note: Refer to Chapter 1 of the User Manual for detailed information on jumpers, connectors, and LED indicators.
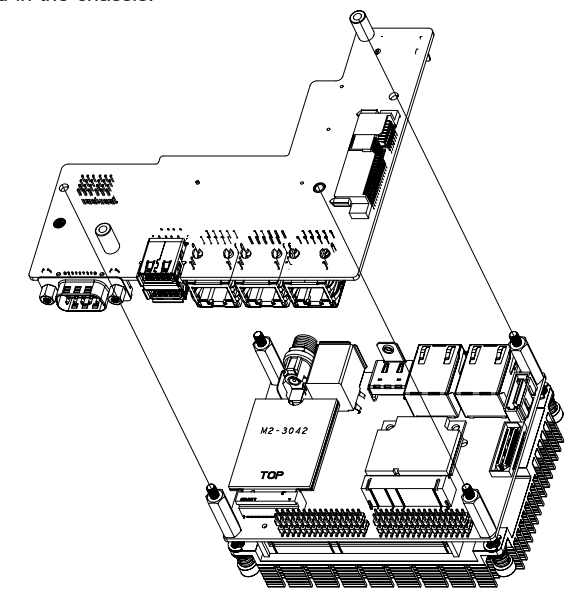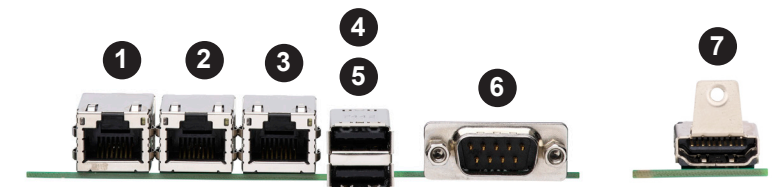
Add-on Card Installation

The AOM-PICO-3L is an add-on I/O module for Pico-ITX A2SAP-H motherboards. Follow the steps below to install the add-on card into your system.

1) Secure the AOM-PICO-3L to the chassis by using the standoff and screws.

2) Install the standoff between AOM-PICO-3L and A2SAP-H. The copper standoffs between AOM-PICO-3L and A2SAP-H are 9 mm in height.

3) Align Stackable Pin Header A/B (J1/J2 on AOM-PICO-3L) and EI/O connector on A2SAP-H and AOM-PICO-3L, and gently push down on both sides of Stackable Pin Header A/B and EI/O connector until tightly assembling each other.

4) Install memory on A2SAP-H.

5) Install heatsink or customer own thermal solution onto A2SAP-H. Place the heatsink directly on the CPU, and make sure the thermal grease is in contact with the CPU.

6) Make sure that the A2SAP-H and AOM-PICO-3L add-on card are securely placed in the chassis.

Front and Back Panel I/O Connectors

#	Definition	#	Definition	#	Definition
1	JLAN3	4	JUSB1 (2.0)	7	JHDM1 (Back I/O)
2	JLAN2	5	JUSB1 (2.0)		
3	JLAN1	6	JCOM1		

Note: Refer to Chapter 2 of the User Manual for detailed information on memory support and CPU/motherboard installation instructions.