Features

- Quad-core Cortex-A73 and Dual-core Cortex-A53
- ARM Mali-G52 MP6 GPU, 5.0 TOPS NPU
- Onboard 4GB DDR3
- HDMI Display Outputs
- Integrated Camera Interfaces
- One PoE Port
- Support Ubuntu 20.04

Specifications

System

CPU	AMLOGIC, A311D, Quad-core Cortex-A73 and Dual-core Cortex-A53
System Memory	Onboard 4GB DDR3

I/O Interface

USB	2 x USB 2.0 (Type A) stack ports-With lock 1 x USB 2.0 (Type A) stack port (Internal) 1 x OTG
Serial/Parallel	1 x RS-232/RS-485/RS-422, DB9
Display	1 x HDMI
LAN	2 x Gigabit Ethernet port with lock 1 x Gigabit IEEE 802.3af (15.4W) PoE port with lock
Digital I/O	4 x Isolated DI and 4-CH Isolated DO (NPN/PNP Mode select)
Trigger I/O	2 x Isolated Trigger_In 1 x Isolated Trigger_Out
Lighting	2 x Lighting Control Output
Power	1 x DC In 2-pin Power Connector
Others	1 x Reset Button 1 x Micro SIM Slot

Storage Space

Storage	Onboard 32GB eMMC 1 x SD Card slot

Expansion

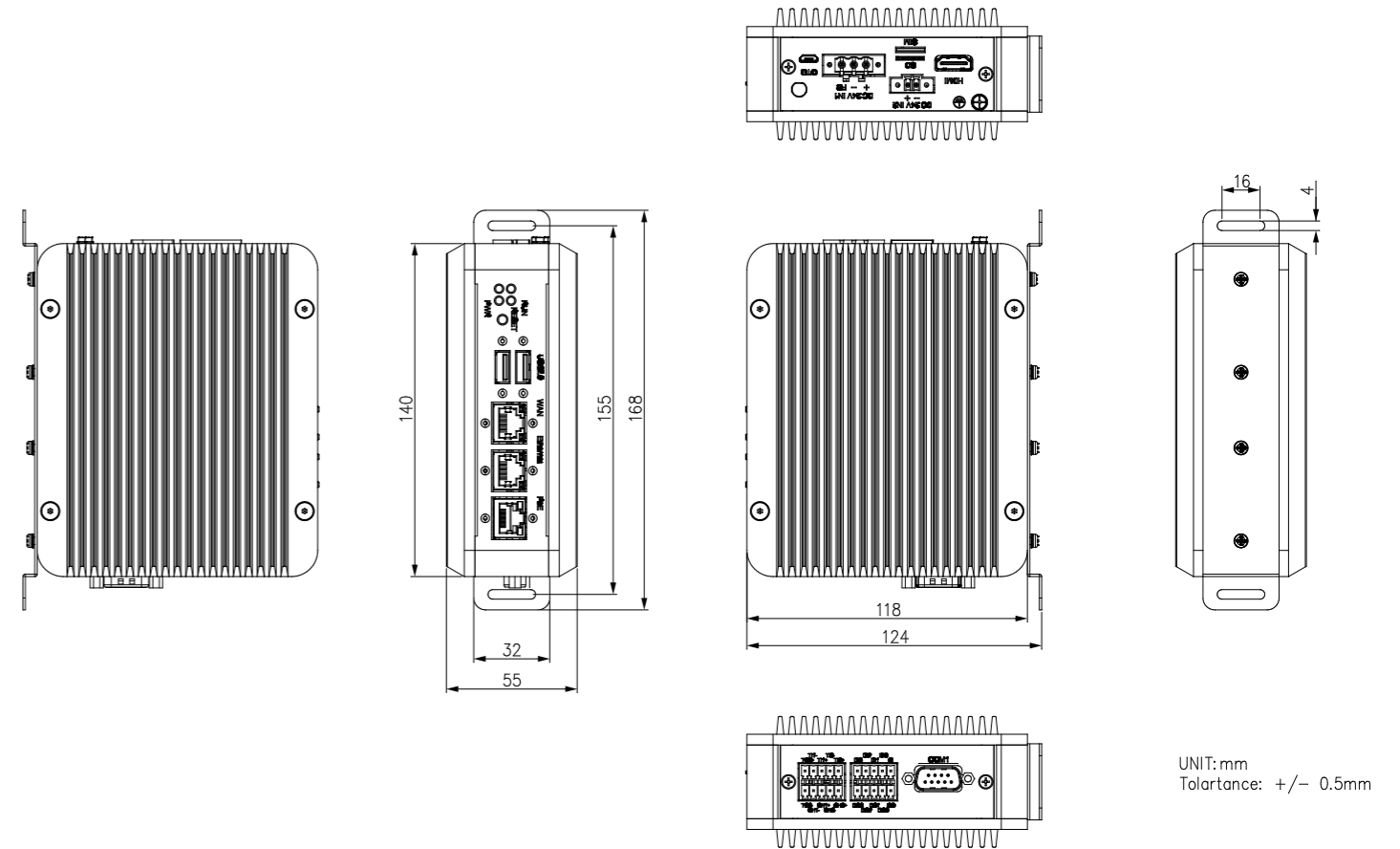|	
On Board Expansion Bus	1 x Full-size Mini-PCIe slot (USB/PCIe Signal)

Power

Power Input	DC 24V Power Input

Mechanical

Construction	Aluminum Heatsink and Steel Chassis
Mounting	DIN Rail Mount
Dimensions	168 x 124 x 55 mm

Environmental

Operating Temperature	-20~60˚C
Storage Temperature	-30~70˚C
Storage Humidity	10 to 90%@ 40˚C, non-condensing
Certificate	Meet CE/FCC Class A

Operating System Support

Linux Ubuntu 20.04	

Dimensions

UNIT: mm
Tolartance: +/− 0.5mm

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