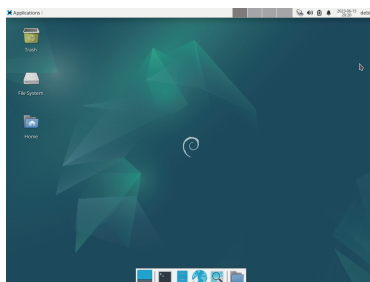


A-9H

ARM Cortex-A53 Quad Core
Debian 12 (Xfe) + Node-Red



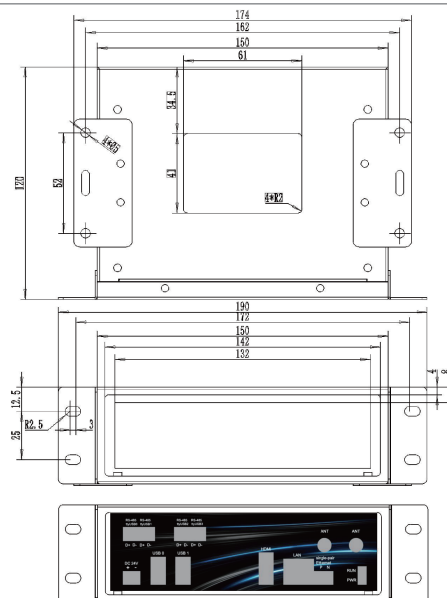
特色

- TI ARM Cortex-A53 Quad Core
- Onboard RAM LPDDR4 2 GB, 32GB eMMC
- 4*RS-485, 2*USB 2.0, 1*GbE, 1*SPE, 1*WIFI(2.4G+5G), 1*HDMI(Type-A)
- Built-in Node-Red
- Operation Temperature -10°C to 55°C

簡介

A-9H A-9H是一款基於ARM的高效能IoT Box PC，擁有四核心處理器的開放平台設計，4個RS-485串列埠，1個10/100/1000乙太網路埠連接埠、兩個 USB 2.0 連接埠和工作溫度範圍 $-10\sim+55^{\circ}\text{C}$ 。內建Wi-Fi(2.4G+5G)模組。A-9H 使系統整合商能夠開發應用程式精準適用於再生能源、電動車充電器、智慧城市以及需要大量資料收集的工廠，基於雲端的應用程式和視訊相關監控解決方案。

尺寸大小



規格

Processor System	CPU	TI ARM Cortex A53 Quad Core 1.4GHz
	Main memory	LPDDR4 2GB
	Main storage	32GB eMMC (Onboard)
	Sub storage	USB flash drive
	GPU	PowerVR Rogue AXE-1-16M GPU (500 MTexela/s, >8GFLOPs)
	RTC	Built-in
	WDT	Support Watch dog timer
I/O Interfaces	USB	2x USB 2.0 Type A
	Ethernet	1x GbE
	Serial	4x RS-485 2-wire
	Display output	1x HDMI up to 1920 x 1080 at 60Hz
	WiFi	WiFi (2.4G/5G) + 2x 8DBI Antenna (SMA)
	SPE	1x Single-Pair Ethernet with power-over-data-line
	Power supply	24VDC
Mechanical and Environmental	Cooling method	FAN less natural air cooling
	Operating temp	-10°C to 55°C
	Storage temp	-25°C to 85°C
	Outline dimension	150 (H) x 120 (W) x 50 (L) mm
	Mounting	Din rail/Wall
	Vibration resistance	IEC/EN 61131-2 compliant
		5 to 9 Hz Single amplitude 3.5 mm (0.14 in)
		9 to 150 Hz Fixed acceleration: 9.8 m/s2
	Shock resistance	X, Y, Z directions for 10 cycles (approximately 100 minutes)
		IEC/EN 61131-2 compliant
	Electrical fast transient burst immunity	147 m/s2, X, Y, Z directions for 3 times
		IEC 61000-4-4
	ESD immunity	2 kV: Power port, 1 kV: Signal ports
		IEC/EN 61000-4-2 Level 3
		Contact discharge method: 6 kV, Air discharge method: 8 kV