ASLAN-A10-E4

Fanless 10.1" Industrial Panel PC with Intel® Amston Lake SoC Processor



Features

- Intel® Amston Lake Processor
- High resolution LCD display w/ LED backlight
- Supports 4 x Gigabit Ethernet Ports
- Supports 2 x RS-485
- Wide range DC 9~36V Input
- Front panel compliant with IP65
- Fanless cooling system

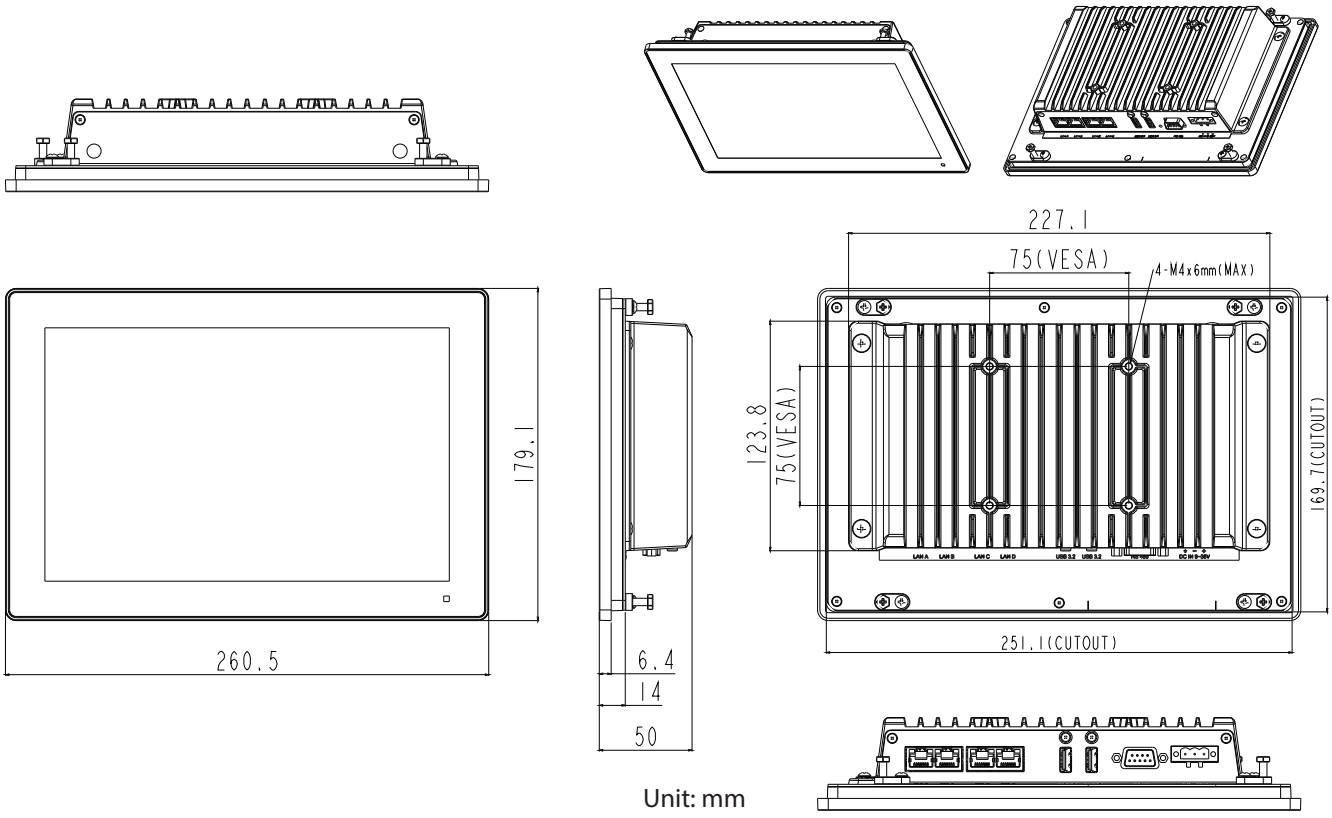
System	
CPU	Intel® Atom® x7433RE Processor
Memory	1 x 260-pin DDR4 SO-DIMM socket, up to 16GB
Chipset	SoC
Graphics	Intel® UHD Graphics
LAN Chipset	RealTek RTL8119I-CG
Watchdog Timer	1~255 levels reset
TPM	dTPM 2.0
LCD Display	
Size / Type	10.1" TFT LCD panel
Resolution	1280 x 800, WXGA
Color	16.7M
Luminance	400 cd/m^2
Touch Screen	Projected capacitive touch panel
View Angle	89°/ 89°/ 89°/ 89°
I/O	
Serial Port	2 x RS-485 (via 1 x DB9 connector)
USB Port	2 x USB-A 3.2 Gen2
LAN	4 x GbE LAN ports
Expansion Bus	1 x M.2 E-Key 2230 slot (PCIe x1 + USB2.0)
Storage	
Type	1 x M.2 M-Key 2242 slot (SATA Only)
Power Requirement	
Power Input	DC 9 ~ 36V, DC in + Remote control

Environmental	
Operating Temp.	-10 ~ 60°C (14 ~ 140°F)
Storage Temp.	-40 ~ 80°C (-40 ~ 176°F)
Operating Humidity	10 ~ 95% RH @ 60°C (non-condensing)
Vibration	5 ~ 500Hz, 2 Grms Random
Shock & Crash	Operating 10G, 11ms Non-operating 30G, 11ms
Qualification	
Certification	CE, FCC Class A, IEC/EN/UL 62368-1
Mechanical	
Construction	Metal + Aluminum
Mounting	Panel-mount
Weight	1.6 kg (3.5 lb)
Dimension (W x H x D)	260.5 x 179.1 x 50 mm (10.26" x 7.05" x 1.97")
OS Support	
Windows 10 / Windows 11 / Linux Ubuntu	

All specifications are subject to change without notice.

ARBOR
From Edge to Action

Dimension



Unit: mm

Optional Accessories

PAC-60W1A-FSP-ES	12V/5A 60W AC/DC power adapter kit
WiFi-RT1550	M.2 E-Key Wi-Fi Module
ANT-T15	2.4G/5G WIRELESS ANTENNA KIT