

Industrial Panel Computer, Aladdin Family

ALAD-S1040T-G

10.1" TFT LCD Capacitive/Resistive Touch, ARM Cortex-A9 CPU, 1*LAN, 1*HDMI, 4*USB2.0, 3*COM, DC 12V.



Key Features

- Aluminum die-casting chassis, fanless design
- 10.1" LED TFT LCD, capacitive/resistive touch
- ARM Cortex-A9 i.MX6 CPU
- 1/2GB DDR3 1333Mhz
- 1*Mini PCIe(USB signal with SIM slot)
- 3*COM, 1*LAN, 4*USB2.0, optional USB OTG
- 8/16GB EMMC storage, 1*TF slot
- 1*HDMI, 2*2W speaker
- DC 12V power input



ALAD-S1040T-G is an industrial, fanless embedded panel computer, powered by Freescale Cortex-A9 I.MX6 dual/quad core processor. On board 1/2 GB DDR3 and 8/16GB EMMC storage, It supports 10.1 inches 1280*800 TFT LCD, optional capacitive/resistive touch. It offers multiple I/O interfaces and supports Wifi/BT/4G network, DC 12V power input. IP 65 rated front panel, It can be fit for Public self-service terminal and material management terminal.



SPEC

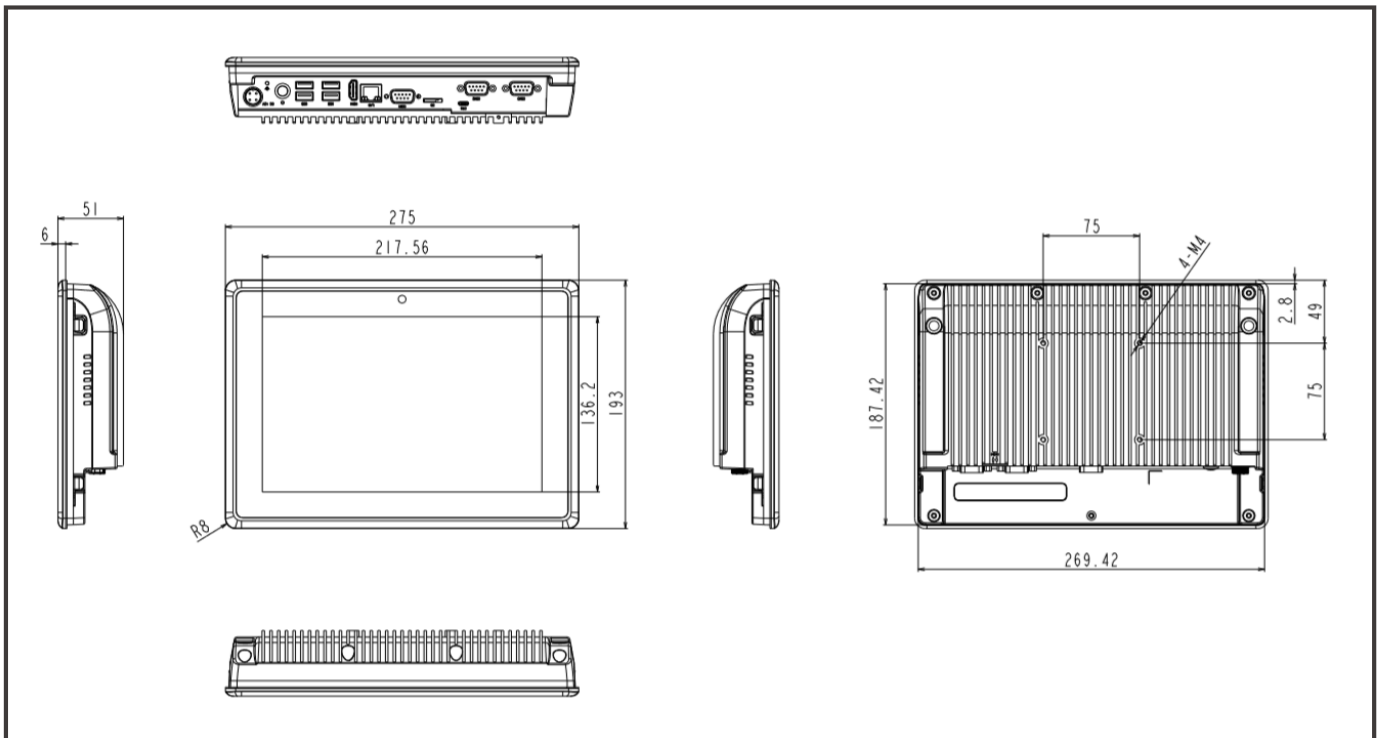
System	CPU	Freescale Cortex-A9 i.MX6, 1.0/1.2GHz, dual/quad core processor
	System Memory	On board 1/2GB DDR3 1333MHz
	Storage	On board 8/16GB EMMC storage, 1*TF slot
	Display	10.1" 1280*800 TFT LCD, 350cd/cm ² , 1*HDMI display
	Touch	5 wire resistive touch, optional projected capacitive touch, USB control
	Expansion	1*Mini PCIe(USB signal with SIM slot), supports 4G wireless network, optional Wifi and BT
	Real I/O	3*COM, 2*RS232, 1*RS232/485, DB9 4*USB2.0 Type A, Optional 1*USB OTG 1*HDMI 1*RJ45
	LAN	Realtek RTL8211F(PHY), 1000Mbps
	Control SW/LED	1*HDD LED, front panel
	Power Supply	DC 12V input, consumption: TBD
OS Supply	Android 4.4.2, Linux kernel 3.0.35	
Mechanical & Environmental	Construction	Aluminum die-casting front bezel and chassis, fin-shaped radiator shell
	Operating Temperature	-10~55℃, with airflow
	Storage Temperature	-20~60℃
	Storage Humidity	10~95%@40℃, non-condensing
	Shock	10g peak acceleration(duration 11ms), in operating
	Vibration	1g 5~500Hz, in operating
	Mounting	Panel mounting, VESA 75*75mm
	Dimension	(W*H*D): 275*193*51mm; mounting cut out(W*H): 271*189mm
	Net Weight	1.8kg
EMC	CE, FCC Class A	

* All specifications and photos are subject to change without notice.

LCD	Type	10.1" TFT LCD	
	Resolution	1280(H)×800(V)	
	Color	16.7M	
	Pixel Pitch(mm)	0.1695*0.1695	
	Brightness(cd/m2)	350	
	Viewing Angle	85 degrees(left), 85 degrees(right), 85 degrees(up), 85 degrees(down)	
	Operating Temperature	-20~70℃	
Touch	Backlight Lifetime	15,000 hours	
	Type	5 wire resistive touch	Projected capacitive touch
	Resolution	gapless	gapless
	Light Transmittance	83%	90%
	Interface	USB	USB
	Consumption	+ 5V@200mA	+ 5V@300mA
	OS	Windows/Linux	Windows/Linux
Click Lifetime	15 million times	3 billion times	

Dimension

Unit:mm



Ordering Info

NO.	Introductions
ALAD-S1040T/S001	Industrial Panel Computer, 10.1" TFT LCD, ARM Cortex-A9 i.MX6 1.0G dual core, 1GB DDR3, 8GB EMMC, 5-wire resistive touch, 1*HDMI, 1*LAN, 3*COM, 4*USB, 2*2W speaker, DC 12V
ALAD-S1040TP/S001	Industrial Panel Computer, 10.1" TFT LCD, ARM Cortex-A9 i.MX6 1.0G dual core, 1GB DDR3, 8GB EMMC, capacitive touch, 1*HDMI, 1*LAN, 3*COM, 4*USB, 2*2W speaker, DC 12V
ALAD-S1040T/S002	Industrial Panel Computer, 10.1" TFT LCD, ARM Cortex-A9 i.MX6 1.2G quad core, 2GB DDR3, 16GB EMMC, 5-wire resistive touch, 1*HDMI, 1*LAN, 3*COM, 4*USB, 2*2W speaker, DC 12V
ALAD-S1040TP/S002	Industrial Panel Computer, 10.1" TFT LCD, ARM Cortex-A9 i.MX6 1.2G quad core, 2GB DDR3, 16GB EMMC, capacitive touch, 1*HDMI, 1*LAN, 3*COM, 4*USB, 2*2W speaker, DC 12V
PA-60DC12	AC/DC power adapter, DC12V/5A 60W

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