

ALAD-S1540T

Industrial Panel Computer, 15" TFT LCD, Capacitive/Resistive Touch, ARM Cortex-A9 CPU, 1*LAN, 5*USB 2.0, 1*USB OTG

Overview:

ALAD-S1540T is an intelligent, fanless embedded panel computer, powered by Freescale Cortex-A9 iMX6 CPU. Supports 15inch 1024*768@60Hz TFT LCD, with 5-wire resistive or projected capacitive touch screen. DC 12~24V power input. This product offers multiple I/O interface, there are 1*EMCC and 1*TF. All-in-one is a high integration and high reliability solution. It is applicable to the public self-service terminal and material management terminal.









Feature :

- 1, Aluminum die-casting chassis, fanless design
2. 15inch LED TFT LCD, Capacitive/Resistive touch
3. RAM Cortex-A9 iMX6 CPU
- 4.1~2GB DR3 1333
5. 2*Mini PCIe (PCIe+USB and SIM)
6. 5*COM, 1*LAN, 5*USB2.0, 1*USB OTG
7. 1*EMMC,1*TF ,1*HDMI,2*2W Speaker
8. DC 9~24V Power input

Specification:

System	CPU	Freescale Cortex-A9 i.MX6,1.0 GHz, Dual-core; 1.2GHz,4cores
	System Memory	Support DDR3 1333MHz 1GB~2GB
	Audio	1*CODEC ES8316,2*3W speaker inside
	Storage	1*EMMC(8G/16G/32G)+1*TF Card

	Display	15" TFT LCD,1* HDMI, dual display,	
	Touch	5 wire resistive touch optional projected capacitive touch, USB touch	
	Expansion	1*Mini PCIe (USB signal,SIM) ,support 3G Wifi	
	Rear I/O	5*COM:1*RS232/485,(DB9),4*RS232(2*DB9 connector) 4*USB2.0 Type A; 1*USB 2.0 OTG, Mini Type A, 1*RJ45,1*HDMI	
	Front I/O	1*USB 2.0 Type A	
	LAN	Realtek RTL8211F(PHY),1000Mbps	
	Control SW	1*ATX button+ remote button by 2-pin connector	
	Power Supply	DC to DC:12~24V 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		-20~75	
Storage Temperature		-10~55°C, with airflow	
Storage Humidity		10~95%@ 40, non-condensing	
Shock		10g peak acceleration (duration 11ms), in operating with HDD	
Vibration		1g5~500Hz, in operating with HDD	
Mounting		Panel mounting, VESA 100*100mm	
Dimension		(W*H*D):380*315*56mm; mounting cut out (W*H):367.3*303.3mm	
Net Weight		4.3kg	
EMC		CE, FCC, Class A	
LCD	Type	15" TFT LED	
	Resolution	1024*768	
	Color	16.2M colors	
	Pixel Pitch(mm)	0.297*0.297(mm)	
	Brightness(cd/m)	350	
	Backlight lifetime	50000 hours	
	Viewing Angle	80 Degree(left),80Degree(right),80Degree(up) 80Degree(down)	
	Operating Temperature	-20~70°C	
Touch	Type	5 wire resistive touch	Projected capacitive touch
	Resolution	gapless	gapless
	Light Transmittance	83%	90%
	Interface	USB	USB
	Consumption	+5V@200mA	+5V@300mA
	OS	Android/Linux	Android/Linux
	Click Lifetime	35 million times	3 billion times

Ordering Info

Model No.	Introduction
ALAD-S1540T/S001	Industrial panel computer,15.0" TFT LCD, ARM Cortex-A9 i.MX6 1.0G dual-core,1GB DDR3,8GB EMMC,5 wire resistive touch,1*HDMI,1*LAN,5*COM,5*USB,1*USB OTG
ALAD-S1540T(P)/S001	Industrial panel computer,15.0" TFT LCD, ARM Cortex-A9 i.MX6 1.0G dual-core,1GB DDR3,8GB EMMC, projected capacitive touch,1*HDMI,1*LAN,5*COM,5*USB,1*USB OTG
ALAD-S1540T(P)/S002	Industrial panel computer,15.0"TFT LCD,ARM Cortex-A9 i.MX6 1.2G 4core,2GB DDR3,16GB EMMC,5 wire resistive touch,1*HDMI,1*LAN,5*COM,5*USB,1*USB OTG
PA-60DC12	AC/DC power adaptor, DC 12V/5A 60W



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