

JHCTECH

深圳市集和诚科技开发有限公司
深圳市光明区融汇路与同观路交汇瑞丰光电大厦6、5、3层

ALAD

电话:0755-86021176
传真:0755-26528849
邮箱:topsales@jhctech.com.cn
网址:www.jhctech.com.cn



JHCTECH 物 联 万 物
联机

ALAD
工业平板电脑
Industrial Panel PC





JHCTECH

JHCTECH

关于集和诚

About JHCTECH

集和诚科技于2002年4月在深圳成立，是一家集研发，生产，销售和服务于一体的智能物联系统供应商。自创立以来，依托丰富的行业经验和强大的科研背景，践行“场景赋能产品创新”的战略方针，持续专注于AI边缘计算及系统应用平台的研发与生产，实现“物联网 联万物”的智慧时代。其多元化的产品和服务包括AI边缘计算、边缘控制器、无风扇车载电脑、工业平板电脑、嵌入式箱体电脑、国产化无风扇箱体电脑、工业控制计算机、单板计算机等，以及专注于行业应用和人工智能增值服务的定制解决方案，赋能各行各业的数字化转型。产品已通过3C、CE、FCC、E-Mark、EN50155等安全法规和行业认证，广泛应用于智能交通、数字化工厂、车路云一体化、人形机器人、低空经济、新能源和医疗等多个领域。

企业文化

战略目标：场景赋能产品创新

经营理念：专注行业、精于产品、优于服务

战略口号：物联网联万物

核心价值观：诚信、感恩、负责任

企业精神：以用户为中心，坚韧不拔，奉献，学习，创新，协同，包容，利他，向善

企业使命：致力于建设一个更智慧的地球和一个更智能化的明天；帮助改善每个人进步及长期发展，对世界的贡献

企业愿景：宁失利，勿失信。成为守诚信，重品质，敢担当，谋共赢的智能物联生态商业文明之典范

八大价值观

价值：借助技术创新为用户创造最大价值；

奋斗：坚持长期主义，努力奋斗，享受工作的快乐；

精神：任何方法论以核心价值观及企业精神衡量；

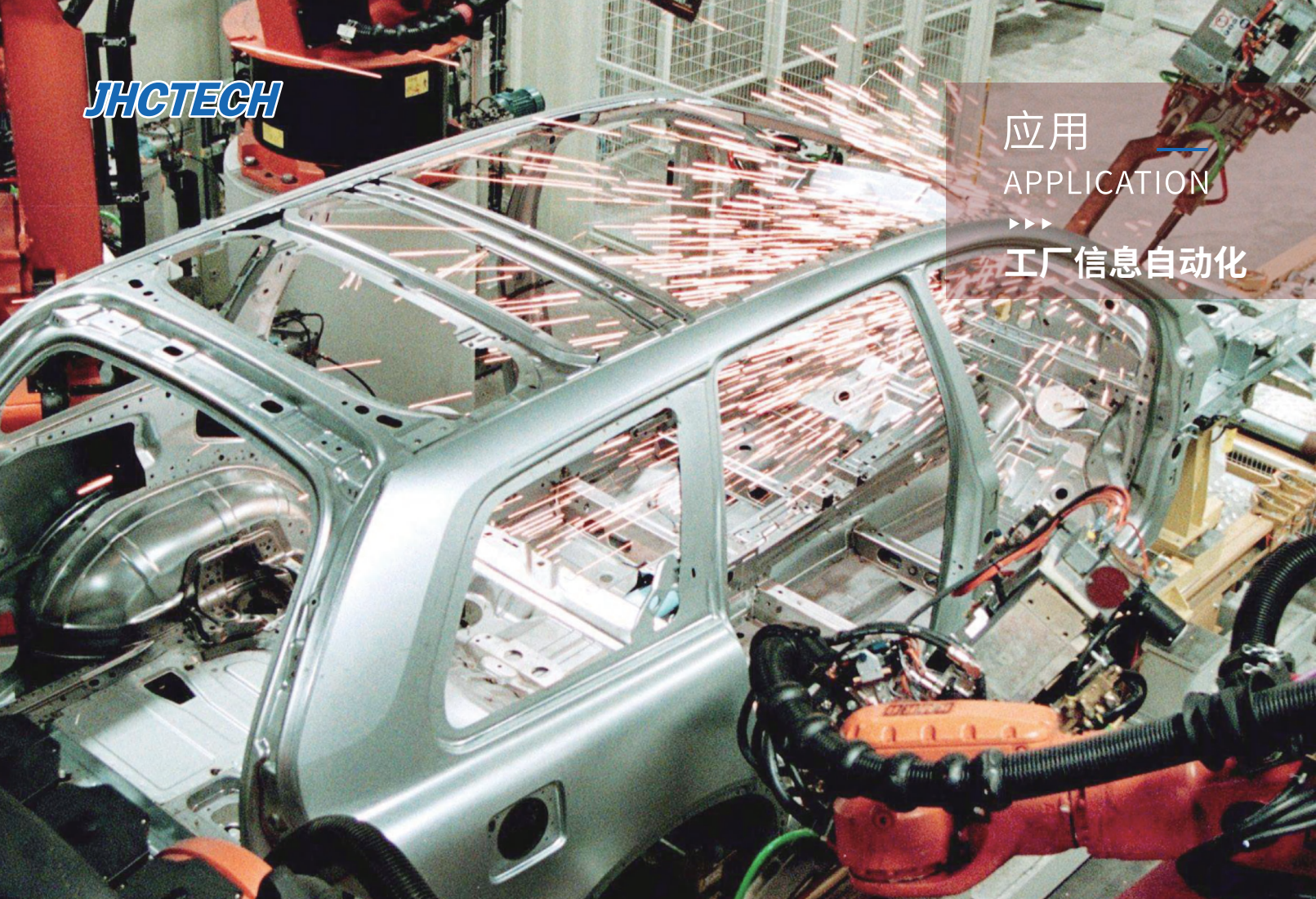
学习：学习力就是生命力，-切结果归根结底都是能力的体现；

团队：赋能个人成长，激活组织创造力，共建相互成就型组织；

行动：成功的标准是达成目标，效率和行动是关键；

情感：重情重义，不讲平均主义，反对机会主义；

双赢：链接共生，协同增效；成就他人，共利社会。



JHCTECH

应用
APPLICATION
工厂信息自动化

New product and differences for ALAD tablets

Model	CPU	Model	CPU	Model	CPU
A1010T/T(P)	Elkhart lake	K1020T	Sky lake-U/ Kaby lake-U	K1050T/T(P)	Tiger lake-U
A1210T/T(P)		K1220T		K1250T/T(P)	
A1510T(P)		K1520T		K1550T(P)	
A1710T/T(P)		K1720T		K1750T/T(P)	
A1810T(P)		K1820T(P)		K1850T(P)	
A1910T/T(P)		K1920T		K1950T/T(P)	
A2110T(P)		K2120T(P)		K2150T(P)	
A2310T(P)		K2320T(P)		K2350T(P)	

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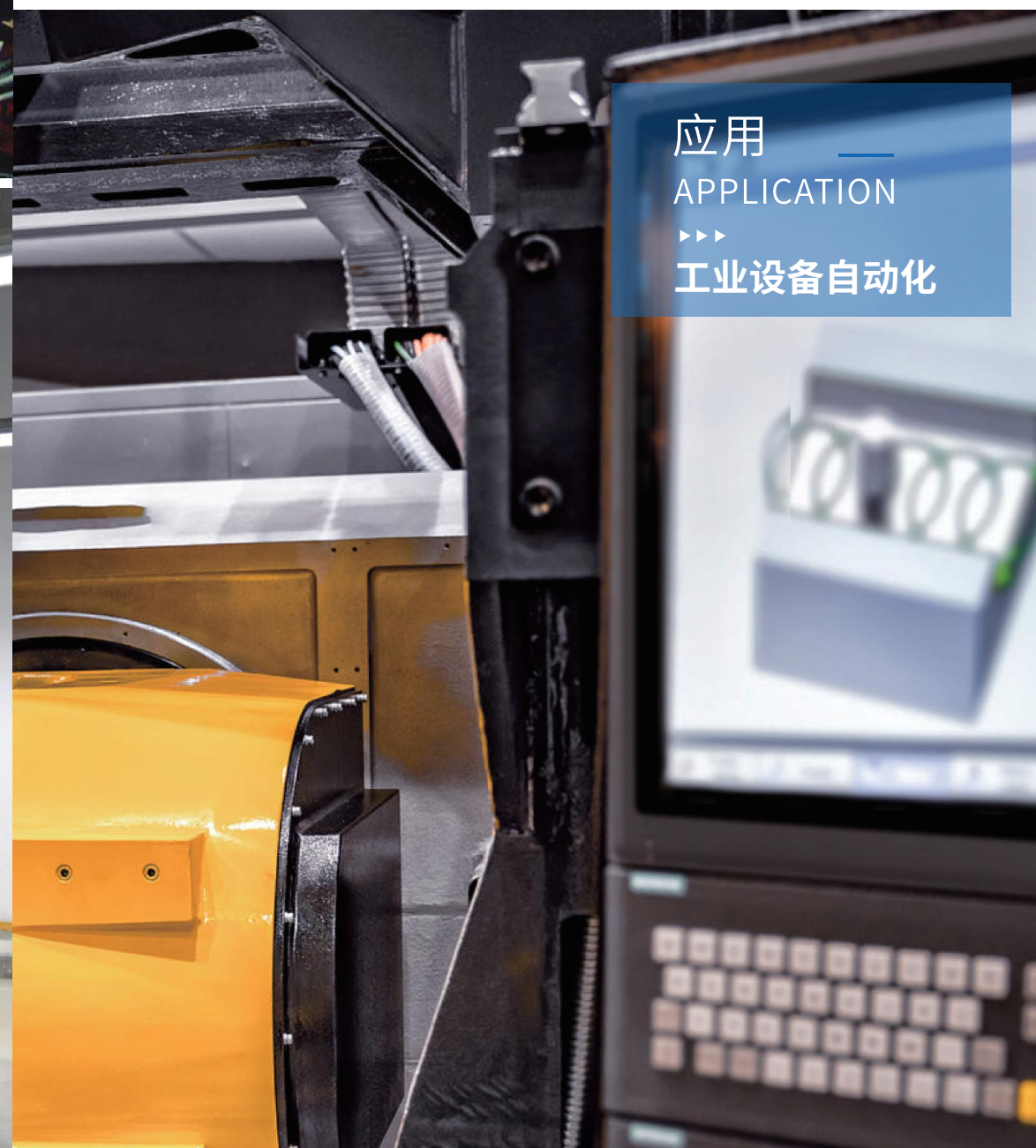
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电力低压配电监测



应用
APPLICATION
工业设备自动化

System	ALAD-K1050T(P)	ALAD-K1250T(P)	ALAD-K1550T(P)	ALAD-K1551T(P)	ALAD-K1750T(P)	ALAD-K1850T(P)	ALAD-K1950T(P)	ALAD-K2150T(P)	ALAD-K2350T(P) [WPPC---21-23]
CPU	Intel® Tigerlake U Celeron/Core I3/I5/I7 CPU, ULT SoC, TDP 12W/15W	Intel® Tigerlake U Celeron/Core I3/I5/I7 CPU, ULT SoC, TDP 12W/15W	Intel® Tigerlake U Celeron/Core I3/I5/I7 CPU, ULT SoC, TDP 12W/15W	Intel® Tigerlake U Celeron/Core I3/I5/I7 CPU, ULT SoC, TDP 12W/15W	Intel® Tigerlake U Celeron/Core I3/I5/I7 CPU, ULT SoC, TDP 12W/15W	Intel® Tigerlake U Celeron/Core I3/I5/I7 CPU, ULT SoC, TDP 12W/15W	Intel® Tigerlake U Celeron/Core I3/I5/I7 CPU, ULT SoC, TDP 12W/15W	Intel® Tigerlake U Celeron/Core I3/I5/I7 CPU, ULT SoC, TDP 12W/15W	Intel® Tigerlake U Celeron/Core I3/I5/I7 CPU, ULT SoC, TDP 12W/15W
RAM	1*DDR4, 3200Mhz SODIMM, 32GB max.	1*DDR4, 3200Mhz SODIMM, 32GB max.	1*DDR4, 3200Mhz SODIMM, 32GB max.	1*DDR4, 3200Mhz SODIMM, 32GB max.	1*DDR4, 3200Mhz SODIMM, 32GB max.	1*DDR4, 3200Mhz SODIMM, 32GB max.	1*DDR4, 3200Mhz SODIMM, 32GB max.	1*DDR4, 3200Mhz SODIMM, 32GB max.	1*DDR4, 3200Mhz SODIMM, 32GB max.
Graphics	Intel®UHD/ Intel® Iris® Xe Graphics: Intel DL boost, DirectX12.1, OpenGL 4.6 and OpenCL 3.0; HDMI:4096*2304@60Hz	Intel®UHD/ Intel® Iris® Xe Graphics: Intel DL boost, DirectX12.1, OpenGL 4.6 and OpenCL 3.0; HDMI:4096*2304@60Hz	Intel®UHD/ Intel® Iris® Xe Graphics: Intel DL boost, DirectX12.1, OpenGL 4.6 and OpenCL 3.0; HDMI:4096*2304@60Hz	Intel®UHD/ Intel® Iris® Xe Graphics: Intel DL boost, DirectX12.1, OpenGL 4.6 and OpenCL 3.0; HDMI:4096*2304@60Hz	Intel®UHD/ Intel® Iris® Xe Graphics: Intel DL boost, DirectX12.1, OpenGL 4.6 and OpenCL 3.0; HDMI:4096*2304@60Hz	Intel®UHD/ Intel® Iris® Xe Graphics: Intel DL boost, DirectX12.1, OpenGL 4.6 and OpenCL 3.0; HDMI:4096*2304@60Hz	Intel®UHD/ Intel® Iris® Xe Graphics: Intel DL boost, DirectX12.1, OpenGL 4.6 and OpenCL 3.0; HDMI:4096*2304@60Hz	Intel®UHD/ Intel® Iris® Xe Graphics: Intel DL boost, DirectX12.1, OpenGL 4.6 and OpenCL 3.0; HDMI:4096*2304@60Hz	Intel®UHD/ Intel® Iris® Xe Graphics: Intel DL boost, DirectX12.1, OpenGL 4.6 and OpenCL 3.0; HDMI:4096*2304@60Hz
I/O Interfaces									
LAN	2*Intel I210AT, 10M-1000M, WOL	2*Intel I226V, 10M-1000M, WOL	2*Intel I226V, 10M-1000M, WOL	2*Intel I226V, 10M-1000M, WOL	2*Intel I226V, 10M-1000M, WOL	2*Intel I226V, 10M-1000M, WOL	2*Intel I226V, 10M-1000M, WOL	2*Intel I226V, 10M-1000M, WOL	2*Intel I226V, 10M-1000M, WOL
USB	4*USB3.2	4*USB3.2+1*USB2.0	4*USB3.2	4*USB3.2+1*USB2.0	4*USB3.2+1*USB2.0	4*USB3.2	4*USB3.2+1*USB2.0	4*USB3.2	4*USB3.2
Display	1*HDMI	1*HDMI	1*HDMI	1*HDMI	1*HDMI	1*HDMI	1*HDMI	1*HDMI	1*HDMI
Audio	1*Line out, Realtek ALC897	1*Line out, Realtek ALC897	1*Line out, Realtek ALC897	1*Line out, Realtek ALC897	1*Line out, Realtek ALC897	1*Line out, Realtek ALC897	1*Line out, Realtek ALC897	1*Line out, Realtek ALC897	1*Line out, Realtek ALC897
Serial port	2*RS232/422/485	2*RS232/422/485+2*RS232	2*RS232/422/485	2*RS232/422/485+2*RS232	2*RS232/422/485+2*RS232	2*RS232/422/485+2*RS232	2*RS232/422/485+2*RS232	2*RS232/422/485+2*RS232	2*RS232/422/485+2*RS232
LCD Display									
Dimensions	10.1" TFT LCD	12.1" TFT LCD	15.6" TFT LCD	15.0" TFT LCD	17.0" TFT LCD	18.5" TFT LCD	19.0" TFT LCD	21.5" TFT LCD	23.8" TFT LCD
Resolution	1280*800	1280*800	1920*1080	1024*768	1280*1024	1366*768	1280*1024	1920*1080	1920*1080
Max. colors	16.2M	16.2M	16.2M	16.2M	16.7M	16.7M	16.7M	16.7M	16.7M
Luminance	350	500	350	350	350	300	470	300	350
Viewing Angle	85°(L), 85°(R), 85°(U),85°(D)	80°(L), 80°(R), 70°(U),70°(D)	85°(L), 85°(R), 85°(U),85°(D)	80°(L), 80°(R), 80°(U),80°(D)	80°(L), 80°(R), 80°(U),80°(D)	85°(L), 85°(R), 85°(U),85°(D)	85°(L), 85°(R), 85°(U),85°(D)	89°(L), 89°(R), 89°(U),89°(D)	89°(L), 89°(R), 89°(U),89°(D)
Touch screen									
Touch type	5-wire resistive touch screen/ projected capacitive touch screen	5-wire resistive touch screen/ projected capacitive touch screen	5-wire resistive touch screen/ projected capacitive touch screen	5-wire resistive touch screen/ projected capacitive touch screen	projected capacitive touch screen	5-wire resistive touch screen/ projected capacitive touch screen	projected capacitive touch screen	projected capacitive touch screen	projected capacitive touch screen
Transmittance	83%/≥85%	83%/90%	83%/90%	83%/90%	90%	83%/90%	90%	90%	90%
Controller	USB	USB	USB	USB	USB	USB	USB	USB	USB
Storage	1*2.5" SATA3.0 HDD/SSD, 1*mSATA	1*2.5" SATA3.0 HDD/SSD, 1*mSATA	1*2.5" SATA3.0 HDD/SSD, 1*mSATA	1*2.5" SATA3.0 HDD/SSD, 1*mSATA	1*2.5" SATA3.0 HDD/SSD, 1*mSATA	1*2.5" SATA3.0 HDD/SSD, 1*mSATA	1*2.5" SATA3.0 HDD/SSD, 1*mSATA	1*2.5" SATA3.0 HDD/SSD, 1*mSATA	1*2.5" SATA3.0 HDD/SSD, 1*mSATA
Expansion	1*Mini PCIe(PCle&USB),PCle module; 1*M.2 3042/3052(+SIM), 4G LTE/5G NR	1*Mini PCIe(PCle&USB),PCle module; 1*M.2 3042/3052(+SIM), 4G LTE/5G NR	1*Mini PCIe(PCle&USB),PCle module; 1*M.2 3042/3052(+SIM), 4G LTE/5G NR Opt.1*PCleX4 (X4) /1*32bit PCI	1*Mini PCIe(PCle&USB),PCle module; 1*M.2 3042/3052(+SIM), 4G LTE/5G NR Opt.1*PCleX4 (X4) /1*32bit PCI	1*Mini PCIe(PCle&USB),PClemodule 1*M.2 3042/3052(+SIM), 4G /5G NR	1*Mini PCIe(PCle&USB),PCle module 1*M.2 3042/3052(+SIM), 4G/5G NR	1*Mini PCIe(PCle&USB),PCle module 1*M.2 3042/3052(+SIM), 4G /5G NR Opt.1*PCleX4 (X4) /1*32bit PCI	1*Mini PCIe(PCle&USB),PCle module 1*M.2 3042/3052(+SIM), 4G /5G NR Opt.1*PCleX4 (X4) /1*32bit PCI	1*Mini PCIe(PCle&USB),PCle module 1*M.2 3042/3052(+SIM), 4G /5G NR Opt.1*PCleX4 (X4) /1*32bit PCI
Power Supply									
Input voltage & TDP	DC IN 9~36V; 34.5W (CPU i7-1165G7, 8G DDR4, 128G SSD)	DC IN 9~36V; 11.5W (CPU i7-1165G7, 8G DDR4, 128G SSD)	DC IN 9~36V; 11.5W (CPU i7-1165G7, 8G DDR4, 128G SSD)	DC IN 9~36V; 11.5W (CPU i7-1165G7, 8G DDR4, 128G SSD)	DC IN 9~36V; 11.5W (i7-1165G7, 8G DDR4, 128G SSD)	DC IN 9~36V; 11.5W (i7-1165G7, 8G DDR4, 128G SSD)	DC IN 9~36V; 11.5W (i7-1165G7, 8G DDR4, 128G SSD)	DC IN 9~36V; 11.5W (i7-1165G7, 8G DDR4, 128G SSD)	DC IN 9~36V; 11.5W (i7-1165G7, 8G DDR4, 128G SSD)
Mechanical									
Sturcture	Aluminum die-casting front bezel , fin-shaped radiator shell	Aluminum die-casting front bezel , fin-shaped radiator shell	Aluminum die-casting front bezel , fin-shaped radiator shell	Aluminum die-casting front bezel , fin-shaped radiator shell	Aluminum die-casting front bezel , fin-shaped radiator shell	Aluminum die-casting front bezel , fin-shaped radiator shell	Aluminum die-casting front bezel , fin-shaped radiator shell	Aluminum die-casting front bezel , fin-shaped radiator shell	Aluminum die-casting front bezel , fin-shaped radiator shell
Dimension (W*H*D)	275*193*51mm Panel mounting opening size(W*H): 270*188mm	315*259*51mm Panel mounting opening size(W*H): 303*247mm	416*265*59mm Panel mounting opening size(W*H): 403*251mm	380*315*56mm Panel mounting opening size(W*H): 368*303mm	415.5*360.5*59mm Panel mounting opening size(W*H): 407*352mm	482*305*59mm Panel mounting opening size(W*H): 474*396mm	453.5*388.5*64mm Panel mounting opening size(W*H): 445*380mm	546.9*344.7*64mm Panel mounting opening size(W*H): 538*335mm	594*375*64mm Panel mounting opening size(W*H): 583*364mm
Mounting	Panel/VESA 100*100/75*75mm	Panel/VESA 100*100/75*75mm	Panel/VESA 100*100/75*75mm	Panel/Rack/VESA 100*100/75*75mm	Panel/Rack/VESA 100*100/75*75mm	Panel/VESA 100*100/75*75mm	Panel/Rack/VESA 100*100/75*75mm	Panel/VESA 100*100/75*75mm	Panel/VESA 100*100/75*75mm
Net Weight	1.85KG	2.8KG	3.7KG	4.3KG	6.1KG	6.63KG	6.9KG	8.15KG	7.74KG
Environmental									
Operating Temp.	0~ 50°C, HDD(-10 ~ 55°C, SSD),airflow	0~ 50°C, HDD(-10 ~ 55°C, SSD),airflow	0~ 50°C, HDD(-10 ~ 55°C, SSD),airflow	0~ 50°C, HDD(-10 ~ 55°C, SSD),airflow	0~ 50°C, HDD(-10~55°C, SSD),airflow	0~ 50°C, HDD(-10~55°C, SSD),airflow	0~ 50°C, HDD(-10~55°C, SSD), airflow	0~ 50°C, HDD(-10~55°C, SSD), airflow	0~ 50°C, HDD(-10~55°C, SSD), airflow
Storage Temp.	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C
Storage Humidity	10~95%@40°C, non-condensing	10~95%@40°C, non-condensing	10~95%@40°C, non-condensing	10~95%@40°C, non-condensing	10~95%@40°C, non-condensing	10~95%@40°C, non-condensing	10~95%@40°C, non-condensing	10~95%@40°C, non-condensing	10~95%@40°C, non-condensing
Vibration	1g 5~500Hz,with HDD	1g 5~500Hz,with HDD	1g 5~500Hz,with HDD	1g 5~500Hz,with HDD	1g 5~500Hz,with HDD	1g 5~500Hz,with HDD	1g 5~500Hz,with HDD	1g 5~500Hz,with HDD	1g 5~500Hz,with HDD
Shock	10g peak acceleration (duration 11ms) with HDD	10g peak acceleration (duration 11ms) with HDD	10g peak acceleration (duration 11ms) with HDD	10g peak acceleration (duration 11ms) with HDD	10g peak acceleration (duration 11ms) with HDD	10g peak acceleration (duration 11ms) with HDD	10g peak acceleration (duration 11ms) with HDD	10g peak acceleration (duration 11ms) with HDD	10g peak acceleration (duration 11ms) with HDD
EMC	CE,FCC Class A	CE,FCC Class A	CE,FCC Class A	CE,FCC Class A	CE,FCC Class A	CE,FCC Class A	CE,FCC Class A	CE,FCC Class A	CE,FCC Class A
OS	Windows 11/10*IoT enterprise, Android, SUSE, Ubuntu, Wind River, Red Hat*Enterprise, Wind River VxWorks*7, Yocto	Windows 11/10*IoT enterprise, Android, SUSE, Ubuntu, Wind River, Red Hat*Enterprise, Wind River VxWorks*7, Yocto	Windows 11/10*IoT enterprise, Android, SUSE, Ubuntu, Wind River, Red Hat*Enterprise, Wind River VxWorks*7, Yocto	Windows 11/10*IoT enterprise, Android, SUSE, Ubuntu, Wind River, Red Hat*Enterprise, Wind River VxWorks*7, Yocto	Windows 11/10*IoT enterprise, Android, SUSE, Ubuntu, Wind River, Red Hat*Enterprise, Wind River VxWorks*7, Yocto	Windows 11/10*IoT enterprise, Android, SUSE, Ubuntu, Wind River, Red Hat*Enterprise, Wind River VxWorks*7, Yocto	Windows 11/10*IoT enterprise, Android, SUSE, Ubuntu, Wind River, Red Hat*Enterprise, Wind River VxWorks*7, Yocto	Windows 11/10*IoT enterprise, Android, SUSE, Ubuntu, Wind River, Red Hat*Enterprise, Wind River VxWorks*7, Yocto	Windows 11/10*IoT enterprise, Android, SUSE, Ubuntu, Wind River, Red Hat*Enterprise, Wind River VxWorks*7, Yocto

ALAD-K1050T(P)

10.1" TFT LCD 电容/电阻屏, Intel® Tigerlake CPU, 2*COM, 2*LAN, 4*USB3.2, 1* Line out, 1*2.5" SATA bay, 1*mSATA, DC 9~36V

产品特点

- 铝合金压铸成型机身
- 10.1寸 TFT LCD,多点电容/5线电阻电阻触摸屏
- Intel® Tigerlake U CPU,无风扇散热设计
- 1*DDR4 3200MHz SODIMM,最大支持32GB
- 1*MiniPCIe, 1*M.2 B-Key Type 3042/3052
- 2*COM, 2*LAN, 4*USB3.2, 可选1*8-bit DIO(与COM1/2可选)
- 2.5寸SATA盘,1*mSATA,1*Line out, 2*2W 功放
- DC 9~36V宽压直流供电
- 标准VESA安装和面板嵌入安装



产品概述

ALAD-K1050T/T(P) 是全一款搭载 Intel®Tiger lake U 系列处理器的平板电脑,采用 10.1 寸 1280*800 分辨率的 LCD 屏,全贴合表面投射式多点电容 /5 线电阻触摸屏。该产品具有全面的 I/O 接口,支持 1*2.5 寸 SATA 盘位和 1*mSATA 双存储; 内置 1*Mini PCIe 和 1*M.2 3042/3052 扩展,DC 9~36V 宽压直流供电,机身 为全铝压铸无风扇散热,多种安装方式,适用于智能 MES 系统和设备管理 HMI。

产品参数

System

CPU	Intel® Tigerlake U Celeron/Core I3/I5/I7 CPU, ULT SoC, TDP 12W/15W
RAM	1*DDR4, 3200Mhz SODIMM, 32GB max.
Graphics	Intel®UHD/ Intel® Iris® Xe Graphics: Intel DL boost, DirectX12.1, OpenGL 4.6 and OpenCL 3.0; HDMI:4096*2304@60Hz

I/O Port

LAN	2*Intel I210AT, 10M-1000M, WOL
USB	4*USB3.2
Display	1*HDMI
Audio	1*Line out, Realtek ALC897,2*2W Speaker
Serial port	2*RS232/422/485

LCD Display

Dimension	10.1" TFT LCD
Resolution	1280*800@60Hz
Max. colors	16.2M
Luminance (cd/m²)	350
Viewing Angle	85°(L), 85°(R), 85°(U),85°(D)

Touchscreen

Touch type	5-wire resistive touch screen/projected capacitive touch screen
Transmittance	83%/≥85%
Controller	USB

Storage

1*2.5" SATA3.0 HDD/SSD,
1*mSATA

Expansion

1*Mini PCIe(PCIe&USB),PCIe module;
1*M.2 3042/3052(+SIM), 4G LTE/5G NR

Power Supply

Input voltage & TDP
DC IN 9~36V;
34.5W (CPU i7-1165G7, 8G DDR4, 128G SSD)

Mechanical

Sturcture	Aluminum die-casting front bezel , fin-shaped radiator shell
Dimension (W*H*D)	275*193*51mm Panel mounting opening size(W*H): 270*188mm
Installation	Panel/VESA(100*100/75*75mm)
Net Weight	1.85KG

Environmental

Operating Temp	0~ 50°C, HDD(-10 ~ 55°C, SSD),airflow
Storage Temp	-20°C~60°C
Storage Humidity	10~95%@40°C, non-condensing
Vibration	1g 5~500Hz,with HDD
Shock	10g peak acceleration(duration 11ms) with HDD
EMC	CE,FCC Class A

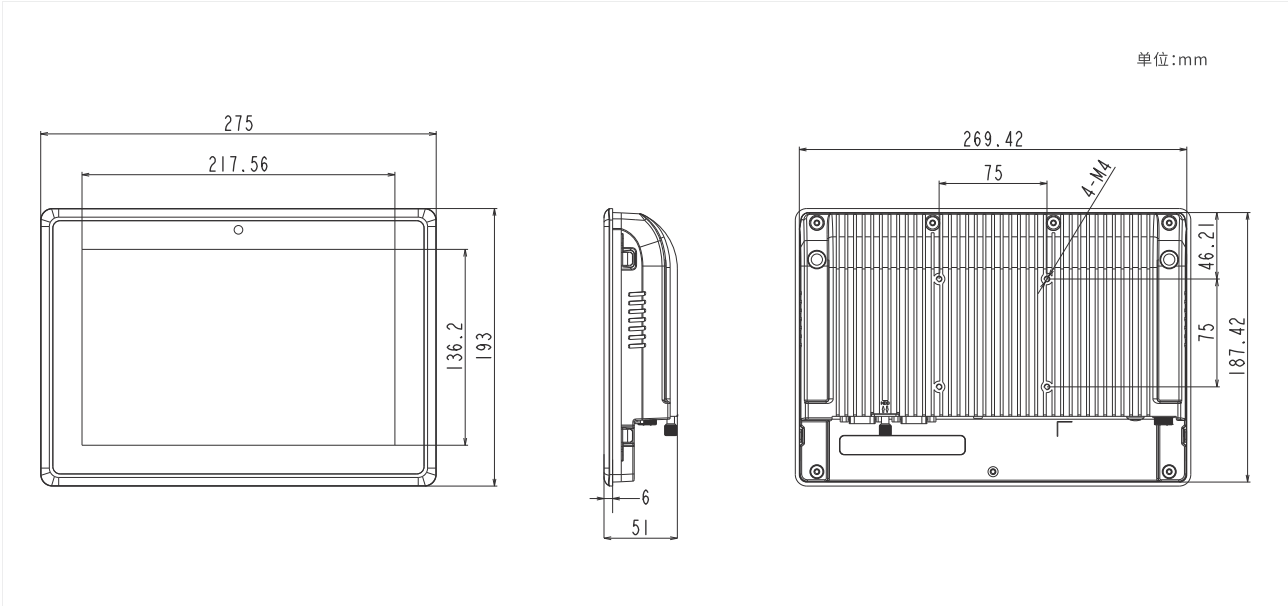
OS

Windows 11/10*IoT enterprise,
Android, SUSE, Ubuntu, Wind River,
Red Hat*Enterprise, Wind River
VxWorks*7, Yocto

接口说明



产品尺寸



订购信息

型号	CPU	触摸屏	触摸屏	规格说明
ALAD-K1050/S001	Intel® Core I3-1115G4	五线电阻屏(T)	投射式电容屏(TP)	10.1" LCD, 2*COM, 2*LAN, 4*USB3.2, 1*HDMI,1*Mini PCIe, 1*M.2 B-Key, 1*Line out, 1*2.5"SATA, 1*mSATA, 2*3W Amplifier, DC 9~36V
ALAD-K1050/S002	Intel® Core I5-1135G7			
ALAD-K1050/S003	Intel® Core I7-1165G7			
ALAD-K1050/S004	Intel® Celeron 6305E			
PA-60DC12	AC/DC电源适配器, DC12V/5A, 60W			

ALAD-K1250T(P)

12.1" TFT LCD 电阻/电容屏, Intel® Tigerlake CPU, 4*COM, 2*LAN, 4*USB3.2, 1*USB2.0, 1* Line out, 1*mSATA, 1*2.5“ SATA bay, DC 9~36V

产品特点

- 铝合金压铸成型机身
- 12.1" TFT LCD, 多点电容/5线电阻触摸屏
- Intel® Tigerlake U CPU, 无风扇散热设计
- 1*DDR4 3200MHz SODIMM, 最大支持32GB
- 1*Mini PCIe, 1*M.2 B-Key Type 3042/3052
- 4*COM, 2*LAN, 4*USB3.2, 1*USB2.0, 可选1*8-bit DIO
- 2.5寸SATA盘, 1*mSATA, 1*Line out, 2*3W功放
- DC 9~36V宽压直流供电
- 标准VESA安装和面板嵌入安装



产品概述

ALAD-K1250T/T(P)是一款搭载Intel®Tiger lake U系列处理器的平板电脑,采用12.1寸1024*768分辨率TFT LCD, 投射式多点电容/5线电阻触摸屏。该产品具有全面的I/O接口, 支持1*2.5寸SATA 盘位和1*mSATA双存储; 内置1*Mini PCIe 和1*M.2 3042/3052 扩展, DC 9~36V宽压直流供电, 机身 为全铝压铸无风扇散热, 多种安装方式, 适用于智能MES系统和设备管理HMI。

产品参数

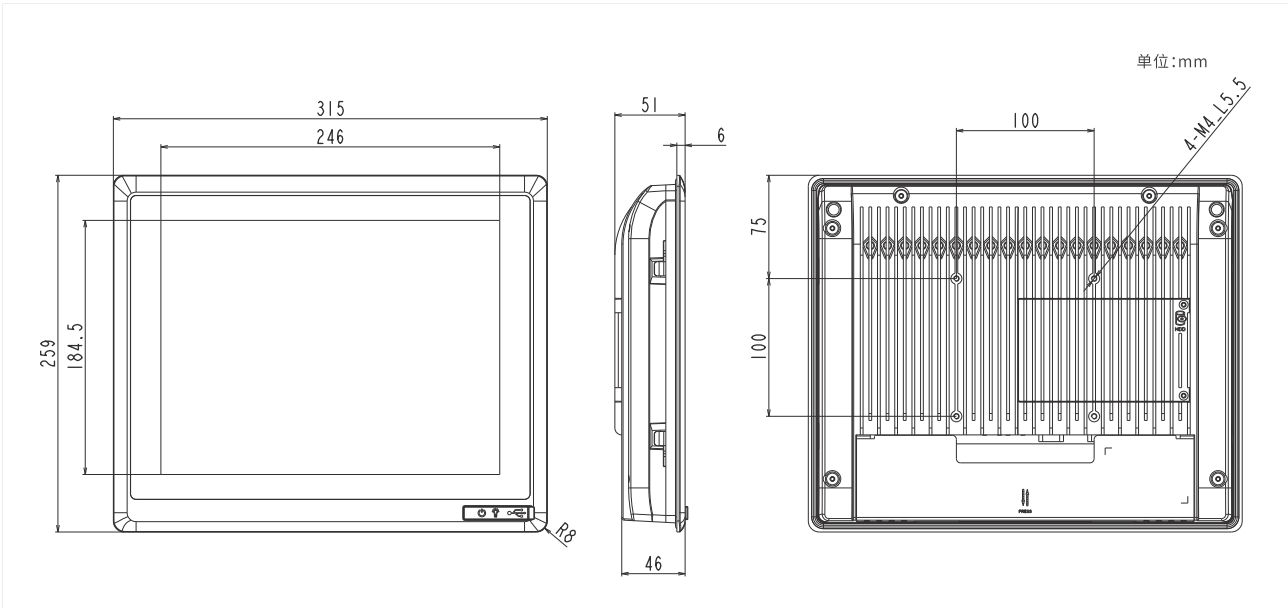
System	
CPU	Intel® Tigerlake U Celeron/Core I3/I5/I7 CPU, ULT SoC, TDP 12W/15W
RAM	1*DDR4, 3200Mhz SODIMM, 32GB max.
Graphics	Intel®UHD/ Intel® Iris® Xe Graphics: Intel DL boost, DirectX12.1, OpenGL 4.6 and OpenCL 3.0; HDMI:4096*2304@60Hz
I/O Port	
LAN	2*Intel I226V, 10M-1000M, WOL
USB	4*USB3.2, 1*USB2.0
Display	1*HDMI
Audio	1*Line out, Realtek ALC897, 2*3W Speaker
Serial port	2*RS232/422/485+2*RS232
LCD Display	
Dimension	12.1" TFT LCD
Resolution	1024*768@60Hz
Max. colors	16.2M
Luminance (cd/m²)	500
Viewing Angle	80°(L), 80°(R), 70°(U), 70°(D)
Touchscreen	
Touch type	5-wire resistive touch screen/projected capacitive touch screen
Transmittance	83%/90%
Controller	USB
Storage	
Storage	1*2.5" SATA3.0 HDD/SSD, 1*mSATA

Expansion	
Expansion	1*Mini PCIe(PCle&USB), PCle module; 1*M.2 3042/3052(+SIM), 4G LTE/5G NR
Power Supply	
Input voltage & TDP	DC IN 9~36V; 11.52W (CPU i7-1165G7, 8G DDR4, 128G SSD)
Mechanical	
Sturcture	Aluminum die-casting front bezel , fin-shaped radiator shell
Dimension (W*H*D)	315*259*51mm Panel mounting opening size(W*H): 303*247mm
Installation	Panel/VESA(100*100/75*75mm)
Net Weight	2.8KG
Environmental	
Operating Temp	0~ 50°C, HDD(-10 ~ 55°C, SSD), airflow
Storage Temp	-20°C~60°C
Storage Humidity	10~95%@40°C, non-condensing
Vibration	1g 5~500Hz, with HDD
Shock	10g peak acceleration(duration 11ms) with HDD
EMC	CE, FCC Class A
OS	
Windows 11/10*IoT enterprise, Android, SUSE, Ubuntu, Wind River, Red Hat*Enterprise, Wind River VxWorks*7, Yocto	

接口说明



产品尺寸



订购信息

型号	CPU	触摸屏	触摸屏	规格说明
ALAD-K1250/S001	Intel® Core I3-1115G4	五线电阻屏(T)	投射式电容屏(TP)	12.1" TFT LCD, 4*COM, 2*LAN, 4*USB3.2, 1*USB2.0, 1*HDMI, 1*Mini PCIe, 1*M.2 B-Key, 1*Line out, 1*2.5"SATA, 1*mSATA, 2*3W Amplifier, DC 9~36V
ALAD-K1250/S002	Intel® Core I5-1135G7			
ALAD-K1250/S003	Intel® Core I7-1165G7			
ALAD-K1250/S004	Intel® Celeron 6305E			
PA-60DC12	AC/DC电源适配器, DC12V/5A, 60W			
	1*COM转接线 (一拖二, DB9形式)			

ALAD-K1550T(P)

15.6" TFT LCD Capacitive Touch, Intel® Tigerlake CPU, 4*COM, 2*LAN, 4*USB3.2, 1* Line out, 1*2.5" SATA bay, 1*mSATA, DC 9~36V

产品特点

- 铝合金压铸成型机身, 全平面镜面面板
- 15.6" Full HD LCD, 多点电容触摸屏
- Intel® Tigerlake U CPU, 无风扇散热设计
- 1*DDR4 3200MHz SODIMM,最大支持32GB
- 1*MiniPCIe, 1*M.2 B-Key Type 3042/3052
- 4*COM, 2*LAN, 4*USB3.2, 可选1*8-bit DIO
- 2.5寸SATA盘,1*mSATA,1*Line out, 2*3W 功放
- 可选1*PCIeX4 (X4信号) 或1*PCI扩展
- DC 9~36V宽压直流供电
- 标准VESA安装和面板嵌入安装



产品概述

ALAD-K1550T(P)是全平面镜面平板电脑, 搭载Intel®Tiger lake U系列处理器。采用15.6寸1920*1080分辨率全高清TFT LCD, 全贴合表面投射式多点电容触摸屏。该产品具有全面的I/O接口, 支持1*2.5寸SATA 盘位和1*mSATA双存储; 内置1*Mini PCIe 和1*M.2 3042/3052 扩展, DC 9~36V宽压直流供电, 机身全铝压铸无风扇散热, 多种安装方式, 适用于智能MES系统和设备管理HMI。

产品参数

System

CPU	Intel® Tigerlake U Celeron/Core i3/i5/i7 CPU, ULT SoC, TDP 12W/15W; Intel® CPU SoC MCP
RAM	1*DDR4 3200 MHz SODIMM, 32GB max.
Graphics	15.6 "1920*1080@60Hz Full HD TFT LCD, 1*HDMI for extended display Intel UHD Graphics or iRIS® Xe Graphics, Supports the Intel DL boost deep learning to strengthen technology, DirectX12.1, OpenGL 4.6 and OpenCL 3.0, HDMI: 4096*2304@60Hz

I/O Port

LAN	2*Intel I226V , 10M-1000M, WOL
USB	4*USB3.2
Display	1*HDMI
Audio	1*Line out,Realtek ALC897, 2*3W Speaker
Serial port	2*RS232, 2*RS232/422/485 (DB9)

LCD Display

Dimension	15.6" TFT LED
Resolution	1920*1080
Max. colors	16.2M
Luminance (cd/m²)	350
Viewing Angle	85°(L), 85°(R), 85°(U),85°(D)

Touch Screen

Touch type	Projected capacitive touch
Light Transmission	≥85%
Controller	EETI Industrial grade

Storage

Storage	1*2.5" SATA3.0 HDD/SSD; 1*mSATA
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Expansion

Expansion	1*Mini PCIe(PCIe/USB), PCIe/USB module; 1*M.2 B-Key 3042/3052(+SIM), 4G LTE/5G NR; optional 1*32-bit PCI or 1*PCIe X4(X4)
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Power Supply

Input voltage	DC IN 9~36V;
TDP	TBD

Mechanical

Sturcture	Aluminum die-casting front bezel , fin-shaped radiator shell
Dimension(W*H*D)	416*264*59mm
Installation	Panel mounting(Cut out: 403*251mm) , VESA(100*100/75*75mm)
Weight	3.7KG

Environmental

Operating Temp	0~ 50°C, HDD(-10 ~ 55°C, SSD) with air flow
Storage Temp	-20°C~60°C
Storage Humidity	10~95%@40°C, No- condensation
Vibration	1g 5~500Hz, with HDD
Shock	10g peak acceleration(duration 11ms) with HDD
EMC	CE,FCC Class A

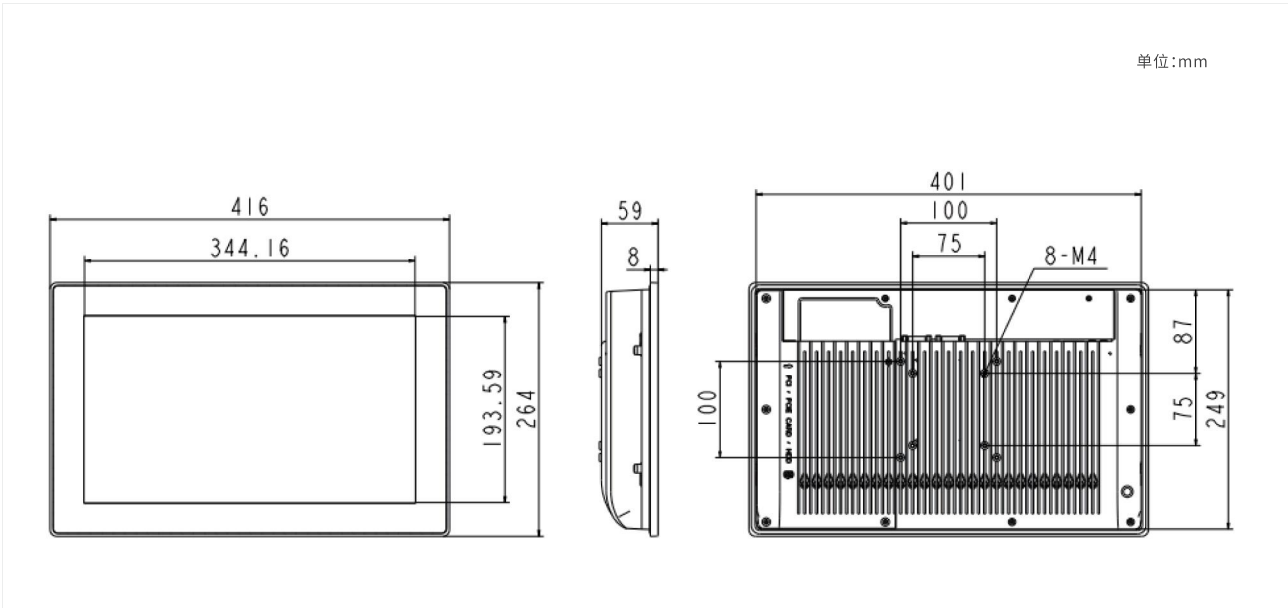
OS

Windows 11*IoT enterprise, Windows 10*IoT enterprise, Android, SUSE, Ubuntu, Wind River, Red Hat*Enterprise, Wind River VxWorks*7, Yocto

接口说明



产品尺寸



订购信息

型号	处理器	触摸屏	规格说明
ALAD-K1550T(P)/ S001	Intel® Core i3-1115G4	Projected Capacitive Touch	Industrial panel computer, 15.6" TFT LCD, 4*COM, 4*USB3.2, 1*USB2.0, 2*LAN, 1*HDMI,1*Mini PCIe, 1*M.2 B-Key , 1*Line out, 1*2.5"SATA Bay, 1*mSATA, 2*3W Speaker, DC 9~36V power input
ALAD-K1550T(P)/ S002	Intel® Core i5-1135G7		
ALAD-K1550T(P)/ S003	Intel® Core i7-1165G7		
ALAD-K1550T(P)/ S004	Intel® Celeron 6305E		
ECX-168	1*PCIeX4 slot(X4 signal) (non COM3&4 in use)		
ECI-169	1*32-bit PCI slot (non COM3&4 in use)		
PA-60DC12	AC/DC power adapter, DC12V@5A ,60W		
PA-120DC19	AC/DC power adapter, DC19V@6.32A ,120W (when use POE network card for expansion)		

ALAD-K1551T(P)

15" TFT LCD 电容/电阻屏, Intel® Tigerlake CPU, 4*COM, 2*LAN, 4*USB3.2, 1*USB2.0, 1* Line out, 1*mSATA, 1*2.5“ SATA bay, DC 9~36V

产品特点

- 铝合金压铸成型机身
- 15" TFT LCD, 多点电容/5线电阻触摸屏
- Intel® Tigerlake U CPU, 无风扇散热设计
- 1*DDR4 3200MHz SODIMM,最大支持32GB
- 1*MiniPCle, 1*M.2 B-Key Type 3042/3052
- 4*COM, 2*LAN, 4*USB3.2,1*USB2.0,可选1*8-bit DIO
- 2.5寸SATA盘,1*mSATA,1*Line out, 2*3W功放
- 可选1*PCleX4 (X4信号) 或1*PCI扩展
- DC 9~36V宽压直流供电
- 标准VESA安装和面板嵌入安装



产品概述

ALAD-K1551T/T(P)是一款搭载Intel®Tiger lake U系列处理器的工业平板电脑, 采用15寸1024*768分辨率TFT LCD, 全贴合表面投射式多点电容/5线电阻触摸屏。该产品具有全面的I/O接口, 支持1*2.5寸SATA 盘位和1*mSATA双存储; 内置1*Mini PCle 和1*M.2 3042/3052 扩展, DC 9~36V宽压直流供电, 机身为全铝压铸无风扇散热, 多种安装方式, 适用于智能MES系统和设备管理HMI。

产品参数

System

CPU	Intel® Tigerlake U Celeron/Core I3/I5/I7 CPU, ULT SoC, TDP 12W/15W
RAM	1*DDR4, 3200Mhz SODIMM, 32GB max.
Graphics	Intel®UHD/ Intel® Iris® Xe Graphics: Intel DL boost, DirectX12.1, OpenGL 4.6 and OpenCL 3.0; HDMI:4096*2304@60Hz

I/O Port

LAN	2*Intel i226V, 10M-1000M, WOL
USB	4*USB3.2,1*USB2.0
Display	1*HDMI
Audio	1*Line out, Realtek ALC897,2*3W Speaker
Serial port	2*RS232/422/485+2*RS232

LCD Display

Dimension	15.0" TFT LCD
Resolution	1024*768@60Hz
Max. colors	16.2M
Luminance (cd/m²)	350
Viewing Angle	80°(L), 80°(R), 80°(U),80°(D)

Touchscreen

Touch type	5-wire resistive touch screen/projected capacitive touch screen
Transmittance	83%/90%
Controller	USB

Storage

Storage	1*2.5" SATA3.0 HDD/SSD, 1*mSATA
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Expansion

Expansion	1*Mini PCle(PCle&USB),PCle module; 1*M.2 3042/3052(+SIM), 4G LTE/5G NR (Opt.)1*PCleX4(X4)/1*32-bit PCI
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Power Supply

Input voltage & TDP	DC IN 9~36V; 11.52W (CPU i7-1165G7, 8G DDR4, 128G SSD)
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Mechanical

Sturcture	Aluminum die-casting front bezel , fin-shaped radiator shell
Dimension (W*H*D)	380*315*56mm Panel mounting opening size(W*H): 368*303mm
Installation	Panel/Rack/VESA(100*100/75*75mm)
Net Weight	4.3KG

Environmental

Operating Temp	0~ 50°C, HDD(-10 ~ 55°C, SSD),airflow
Storage Temp	-20°C~60°C
Storage Humidity	10~95%@40°C, non-condensing
Vibration	1g 5~500Hz,with HDD
Shock	10g peak acceleration(duration 11ms) with HDD
EMC	CE,FCC Class A

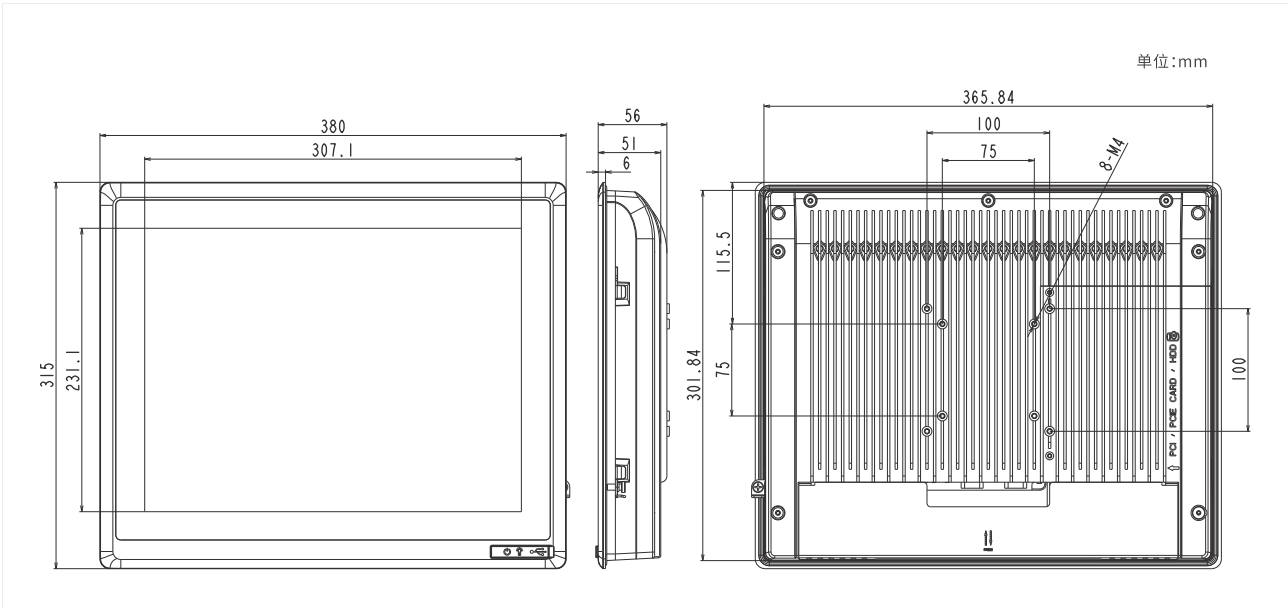
OS

	Windows 11/10*IoT enterprise, Android, SUSE, Ubuntu, Wind River, Red Hat*Enterprise, Wind River VxWorks*7, Yocto
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接口说明



产品尺寸



订购信息

型号	处理器	触摸屏	触摸屏	规格说明
ALAD-K1551/ S001	Intel® Core I3-1115G4	5 wire resistive touch	Projected Capacitive Touch	15" TFT LCD, 4*COM, 4*USB3.2, 1*USB2.0, 2*LAN, 1*HDMI,1*Mini PCIe, 1*M.2 B-Key , 1*Line out, 1*2.5"SATA, 1*mSATA, 2*3W Speaker, DC 9~36V
ALAD-K1551/ S002	Intel® Core I5-1135G7			
ALAD-K1551/ S003	Intel® Core I7-1165G7			
ALAD-K1551/ S004	Intel® Celeron 6305E			
ECX-168	1*PCIeX4 slot(X4 signal) (non COM3&4 in use)			
ECI-169	1*32-bit PCI slot (non COM3&4 in use)			
PA-60DC12	AC/DC power adapter, DC12V@5A ,60W			
PA-120DC19	AC/DC power adapter, DC19V@6.32A ,120W (when use POE network card for expansion)			

ALAD-K1750T(P)

17.0" TFT LCD 电容/电阻屏, Intel® Tigerlake CPU, 4*COM, 2*LAN, 4*USB3.2, 1*USB2.0,1* Line out, 1*2.5“ SATA bay, 1*mSATA, DC 9~36V

产品特点

- 铝合金压铸成型机身
- 17.0" TFT LCD, 多点电容/5线电阻触摸屏
- Intel® Tigerlake U CPU, 无风扇散热设计
- 1*DDR4 3200MHz SODIMM,最大支持32GB
- 1*MiniPCle, 1*M.2 B-Key Type 3042/3052
- 4*COM, 2*LAN, 4*USB3.2, 1*USB2.0,可选1*8-bit DIO
- 2.5寸SATA盘,1*mSATA,1*Line out, 2*3W功放
- DC 9~36V宽压直流供电
- 标准VESA安装和面板嵌入安装



产品概述

ALAD-K1750T(T(P)是搭载Intel®Tiger lake U系列处理器的一款平板电脑,采用17.0寸1280*1024分辨率TFT LCD, 全贴合表面投射式多点电容/5线电阻触摸屏。该产品有全面的I/O接口, 支持1*2.5寸SATA 盘位和1*mSATA双存储;内置1*Mini PCle 和1*M.2 3042/3052 扩展, DC 9~36V宽压直流供电, 机身 为全铝压铸无风扇散热, 多种安装方式, 适用于智能MES系统和设备管理HMI。

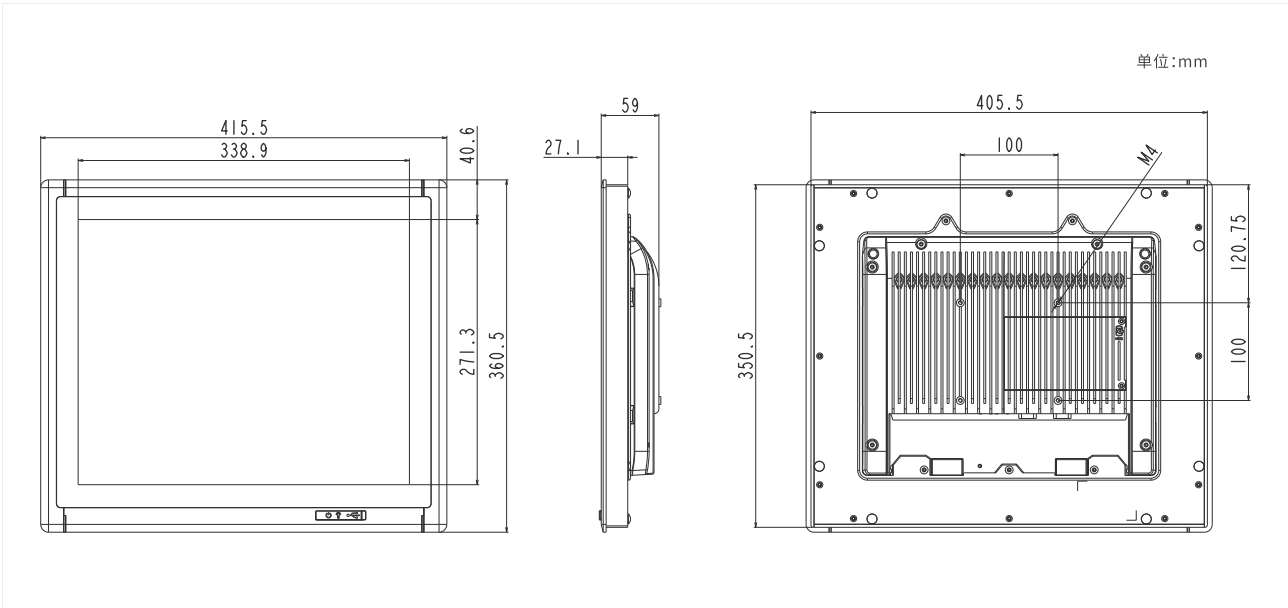
产品参数

System		Expansion	
CPU	Intel® Tigerlake U Celeron/Core I3/I5/I7 CPU, ULT SoC, TDP 12W/15W	Expansion	1*Mini PCle(PCle&USB),PCle module; 1*M.2 3042/3052(+SIM), 4G LTE/5G NR
RAM	1*DDR4, 3200Mhz SODIMM, 32GB max.		
Graphics	Intel®UHD/ Intel® Iris® Xe Graphics: Intel DL boost, DirectX12.1, OpenGL 4.6 and OpenCL 3.0; HDMI:4096*2304@60Hz		
I/O Port		Power Supply	
LAN	2*Intel I226V, 10M-1000M, WOL	Input voltage & TDP	DC IN 9~36V; 11.52W (CPU i7-1165G7, 8G DDR4, 128G SSD)
USB	4*USB3.2,1*USB2.0		
Display	1*HDMI		
Audio	1*Line out, Realtek ALC897,2*3W Speaker		
Serial port	2*RS232/422/485+2*RS232		
LCD Display		Mechanical	
Dimension	17.0" TFT LCD	Sturcture	Aluminum die-casting front bezel , fin-shaped radiator shell
Resolution	1280*1024@60Hz	Dimension (W*H*D)	415.5*360.5*59mm Panel mounting opening size(W*H): 407*352mm
Max. colors	16.2M	Installation	Panel/Rack/VESA(100*100/75*75mm)
Luminance (cd/m²)	350	Net Weight	6.1KG
Viewing Angle	80°(L), 80°(R), 80°(U),80°(D)	Environmental	
Touchscreen		Operating Temp	0~ 50°C, HDD(-10 ~ 55°C, SSD),airflow
Touch type	5-wire resistive touch screen/projected capacitive touch screen	Storage Temp	-20°C~60°C
Transmittance	83%/90%	Storage Humidity	10~95%@40°C, non-condensing
Controller	USB	Vibration	1g 5~500Hz,with HDD
Storage		Shock	10g peak acceleration(duration 11ms) with HDD
Storage	1*2.5" SATA3.0 HDD/SSD, 1*mSATA	EMC	CE,FCC Class A
		OS	
		Windows 11/10*IoT enterprise, Android, SUSE, Ubuntu, Wind River, Red Hat*Enterprise, Wind River VxWorks*7, Yocto	

接口说明



产品尺寸



订购信息

型号	CPU	触摸屏	触摸屏	规格说明
ALAD-K1750/S001	Intel® Core I3-1115G4	五线电阻屏(T)	投射式电容屏(TP)	17" TFT LCD, 4*COM, 2*LAN, 4*USB3.2, 1*USB2.0, 1*HDMI, 1*Mini PCIe, 1*M.2 B-Key, 1*Line out, 1*2.5"SATA, 1*mSATA, 2*3W Amplifier, DC 9~36V
ALAD-K1750/S002	Intel® Core I5-1135G7			
ALAD-K1750/S003	Intel® Core I7-1165G7			
ALAD-K1750/S004	Intel® Celeron 6305E			
PA-60DC12	AC/DC电源适配器, DC12V/5A, 60W			
	1*COM转接线 (一拖二, DB9形式)			

ALAD-K1850T(P)

18.5" TFT LCD 电容屏, Intel® Tigerlake CPU, 4*COM, 2*LAN, 4*USB3.2, 1* Line out, 1*mSATA, 1*2.5“ SATA bay, DC 9~36V

产品特点

- 铝合金压铸成型机身
- 18.5" TFT LCD, 多点电容触摸屏
- Intel® Tigerlake U CPU, 无风扇散热设计
- 1*DDR4 3200MHz SODIMM,最大支持32GB
- 1*MiniPCle, 1*M.2 B-Key Type 3042/3052
- 4*COM, 2*LAN, 4*USB3.2, 可选1*8-bit DIO
- 2.5寸SATA盘,1*mSATA,1*Line out, 2*3W功放
- DC 9~36V宽压直流供电
- 标准VESA安装和面板嵌入安装



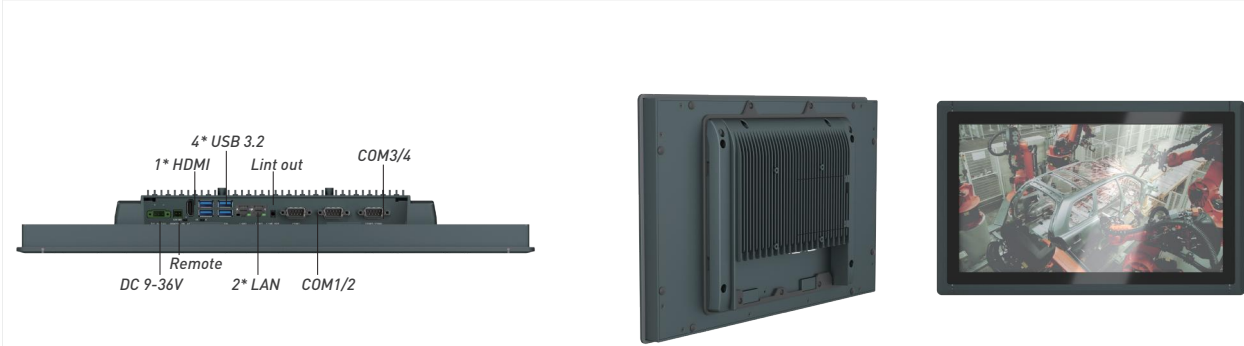
产品概述

ALAD-K1850T(P)是一款搭载Intel®Tiger lake U系列处理器的平板电脑,采用18.5寸1366*768分辨率TFT LCD,全贴合表面投射式多点电容触摸屏。该产品具有全面的I/O接口,支持1*2.5寸SATA 盘位和1*mSATA双存储;内置1*Mini PCle 和1*M.2 3042/3052 扩展,DC 9~36V宽压直流供电,机身为全铝压铸无风扇散热,多种安装方式,适用于智能MES系统和设备管理HMI。

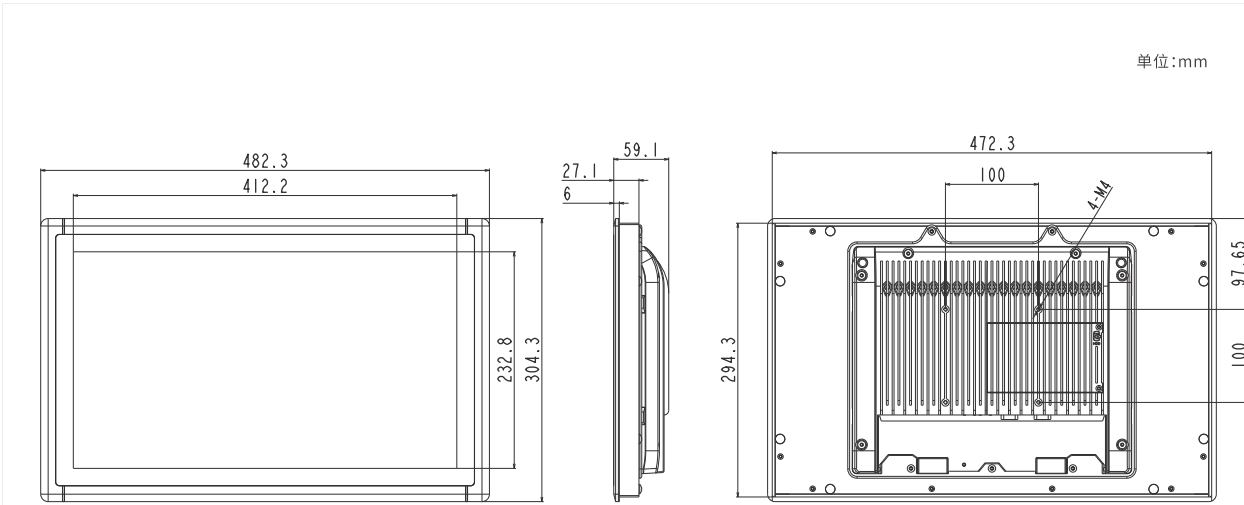
产品参数

System		Expansion	
CPU	Intel® Tigerlake U Celeron/Core I3/I5/I7 CPU, ULT SoC, TDP 12W/15W	Expansion	1*Mini PCle(PCle&USB),PCle module; 1*M.2 3042/3052(+SIM), 4G LTE/5G NR
RAM	1*DDR4, 3200Mhz SODIMM, 32GB max.		
Graphics	Intel®UHD/ Intel® Iris® Xe Graphics: Intel DL boost, DirectX12.1, OpenGL 4.6 and OpenCL 3.0; HDMI:4096*2304@60Hz		
I/O Port		Power Supply	
LAN	2*Intel I226V, 10M-1000M, WOL	Input voltage & TDP	DC IN 9~36V; 11.52W (CPU i7-1165G7, 8G DDR4, 128G SSD)
USB	4*USB3.2		
Display	1*HDMI		
Audio	1*Line out, Realtek ALC897,2*3W Speaker		
Serial port	2*RS232/422/485+2*RS232		
LCD Display		Mechanical	
Dimension	18.5" TFT LCD	Sturcture	Aluminum die-casting front bezel , fin-shaped radiator shell
Resolution	1366*768@60Hz	Dimension (W*H*D)	483*305*59mm Panel mounting opening size(W*H): 474*396mm
Max. colors	16.2M	Installation	Panel/VESA(100*100/75*75mm)
Luminance (cd/m²)	350	Net Weight	6.63KG
Viewing Angle	85°(L), 85°(R), 80°(U),80°(D)	Environmental	
Touchscreen		Operating Temp	0~ 50°C, HDD(-10 ~ 55°C, SSD),airflow
Touch type	projected capacitive touch screen	Storage Temp	-20°C~60°C
Transmittance	90%	Storage Humidity	10~95%@40°C, non-condensing
Controller	USB	Vibration	1g 5~500Hz,with HDD
Storage		Shock	10g peak acceleration(duration 11ms) with HDD
Storage	1*2.5" SATA3.0 HDD/SSD, 1*mSATA	EMC	CE,FCC Class A
		OS	
		Windows 11/10*IoT enterprise, Android, SUSE, Ubuntu, Wind River, Red Hat*Enterprise, Wind River VxWorks*7, Yocto	

接口说明



产品尺寸



订购信息

型号	CPU	触摸屏	规格说明
ALAD-K1850T(P)/S001	Intel® Core I3-1115G4	投射式电容屏(TP)	18.5" TFT LCD, 4*COM, 2*LAN, 4*USB3.2, 1*HDMI, 1*Mini PCIe, 1*M.2 B-Key, 1*Line out, 1*2.5"SATA, 1*mSATA, 2*3W Amplifier, DC 9~36V
ALAD-K1850T(P)/S002	Intel® Core I5-1135G7		
ALAD-K1850T(P)/S003	Intel® Core I7-1165G7		
ALAD-K1850T(P)/S004	Intel® Celeron 6305E		
PA-60DC12	AC/DC电源适配器, DC12V/5A, 60W		
	1*COM转接线 (一拖二, DB9形式)		

ALAD-K1950T(P)

19.0" TFT LCD 电容/电阻屏, Intel® Tigerlake CPU, 4*COM, 2*LAN, 4*USB3.2, 1*USB2.0,1* Line out, 1*2.5“ SATA bay, 1*mSATA, DC 9~36V

产品特点

- 铝合金压铸成型机身
- 19.0" TFT LCD, 多点电容/5线电阻触摸屏
- Intel® Tigerlake U CPU, 无风扇散热设计
- 1*DDR4 3200MHz SODIMM,最大支持32GB
- 1*MiniPCle, 1*M.2 B-Key Type 3042/3052
- 4*COM, 2*LAN, 4*USB3.2, 1*USB2.0,可选1*8-bit DIO
- 2.5寸SATA盘,1*mSATA,1*Line out, 2*3W功放
- 可选1*PCleX4 (X4信号) 或1*PCI扩展
- DC 9~36V宽压直流供电
- 标准VESA安装和面板嵌入安装



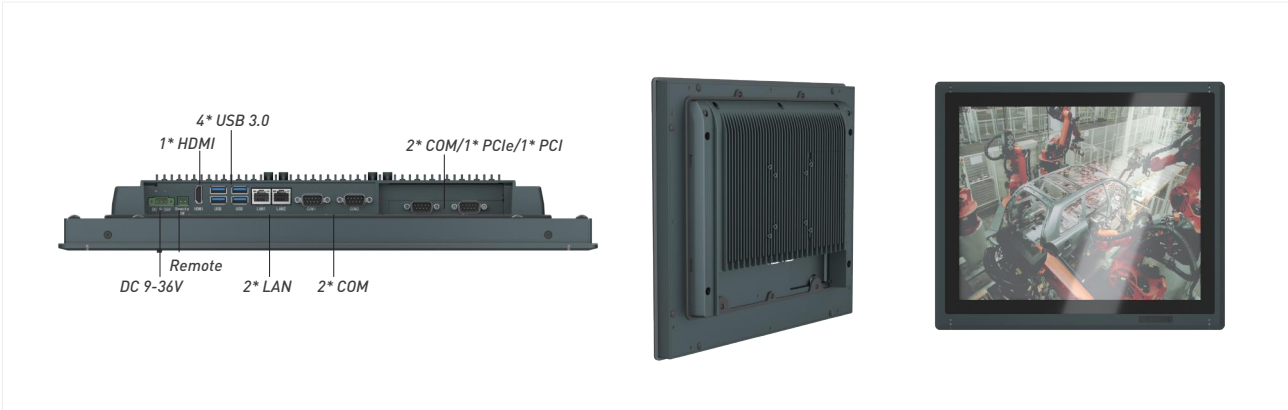
产品概述

ALAD-K1950T/T(P)是一款搭载Intel®Tiger lake U系列处理器的平板电脑,采用19.0寸1280*1024分辨率TFT LCD, 全贴合表面投射式多点电容/5线电阻触摸屏。该产品有全面的I/O接口, 支持1*2.5寸SATA 盘位和1*mSATA双存储;内置1*Mini PCle和1*M.2 3042/3052 扩展, DC 9~36V宽压直流供电, 机身 为全铝压铸无风扇散热, 多种安装方式, 适用于智能MES系统和设备管理HMI。

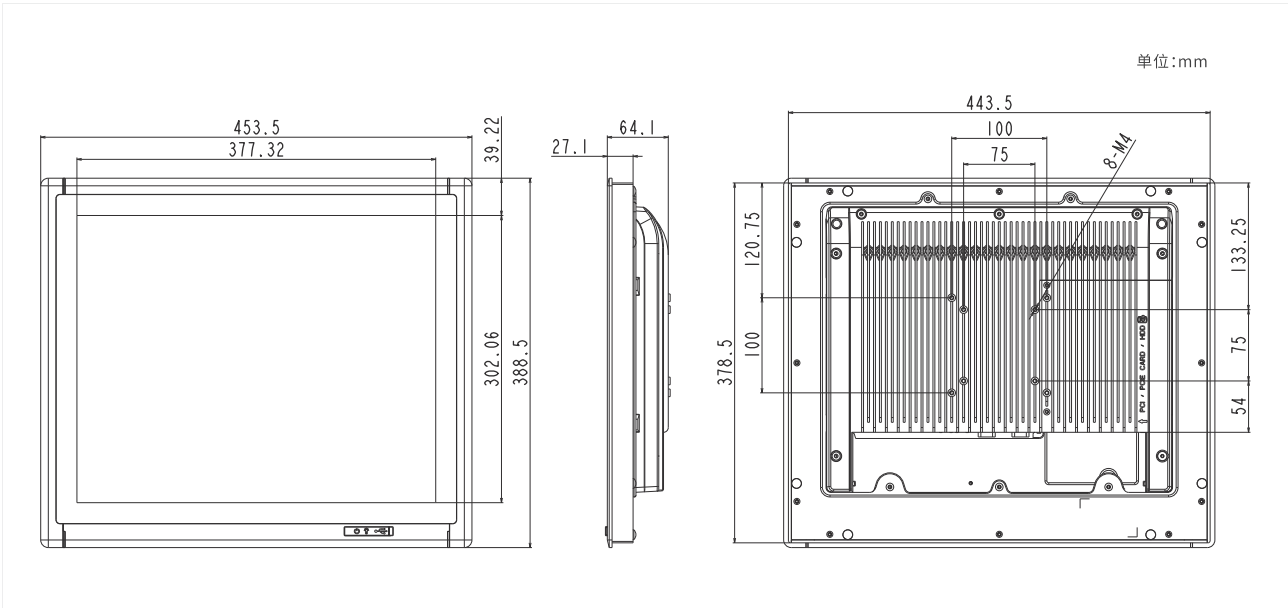
产品参数

System		Expansion	
CPU	Intel® Tigerlake U Celeron/Core I3/I5/I7 CPU, ULT SoC, TDP 12W/15W	Expansion	1*Mini PCle(PCle&USB),PCle module; 1*M.2 3042/3052(+SIM), 4G LTE/5G NR
RAM	1*DDR4, 3200Mhz SODIMM, 32GB max.		
Graphics	Intel®UHD/ Intel® Iris® Xe Graphics: Intel DL boost, DirectX12.1, OpenGL 4.6 and OpenCL 3.0; HDMI:4096*2304@60Hz		
I/O Port		Power Supply	
LAN	2*Intel I226V, 10M-1000M, WOL	Input voltage & TDP	DC IN 9~36V; 11.52W (CPU i7-1165G7, 8G DDR4, 128G SSD)
USB	4*USB3.2,1*USB2.0		
Display	1*HDMI		
Audio	1*Line out, Realtek ALC897,2*3W Speaker		
Serial port	2*RS232/422/485+2*RS232		
LCD Display		Mechanical	
Dimension	19.0" TFT LCD	Sturcture	Aluminum die-casting front bezel , fin-shaped radiator shell
Resolution	1280*1024@60Hz	Dimension (W*H*D)	453.5*388.5*64mm Panel mounting opening size(W*H): 445*380mm
Max. colors	16.7M	Installation	Panel/Rack/VESA(100*100/75*75mm)
Luminance (cd/m²)	470	Net Weight	6.9KG
Viewing Angle	85°(L), 85°(R), 85°(U),85°(D)		
Touchscreen		Environmental	
Touch type	5-wire resistive touch screen/projected capacitive touch screen	Operating Temp	0~ 50°C, HDD(-10 ~ 55°C, SSD),airflow
Transmittance	83%/90%	Storage Temp	-20°C~60°C
Controller	USB	Storage Humidity	10~95%@40°C, non-condensing
Storage		Vibration	1g 5~500Hz,with HDD
Storage	1*2.5" SATA3.0 HDD/SSD, 1*mSATA	Shock	10g peak acceleration(duration 11ms) with HDD
		EMC	CE,FCC Class A
		OS	Windows 11/10*IoT enterprise, Android, SUSE, Ubuntu, Wind River, Red Hat*Enterprise, Wind River VxWorks*7, Yocto

接口说明



产品尺寸



订购信息

型号	CPU	触摸屏	触摸屏	规格说明
ALAD-K1950/S001	Intel® Core I3-1115G4	五线电阻屏(T)	投射式电容屏(TP)	19" TFT LCD, 4*COM, 2*LAN, 4*USB3.2, 1*USB2.0, 1*HDMI, 1*Mini PCIe, 1*M.2 B-Key, 1*Line out, 1*2.5" SATA, 1*mSATA, 2*3W Amplifier, DC 9~36V
ALAD-K1950/S002	Intel® Core I5-1135G7			
ALAD-K1950/S003	Intel® Core I7-1165G7			
ALAD-K1950/S004	Intel® Celeron 6305E			
ECX-168	1*PCIeX4 slot(X4 signal) (non COM3&4 in use)			
ECI-169	1*32-bit PCI slot (non COM3&4 in use)			
PA-60DC12	AC/DC power adapter, DC12V@5A ,60W			
PA-120DC19	AC/DC power adapter, DC19V@6.32A ,120W (when use POE network card for expansion)			

ALAD-K2150T(P)

21.5" TFT LCD 电容屏, Intel® Tigerlake CPU, 4*COM, 2*LAN, 4*USB3.2, 1* Line out, 1*mSATA, 1*2.5“ SATA bay, DC 9~36V

产品特点

- 铝合金压铸成型机身
- 21.5" TFT LCD, 多点电容触摸屏
- Intel® Tigerlake U CPU, 无风扇散热设计
- 1*DDR4 3200MHz SODIMM,最大支持32GB
- 1*MiniPCIe, 1*M.2 B-Key Type 3042/3052
- 4*COM, 2*LAN, 4*USB3.2, 可选1*8-bit DIO
- 2.5寸SATA盘,1*mSATA,1*Line out, 2*3W功放
- 可选1*PCIeX4 (X4信号) 或1*PCI扩展
- DC 9~36V宽压直流供电
- 标准VESA安装和面板嵌入安装



产品概述

ALAD-K2150T(P)是一款搭载Intel®Tiger lake U系列处理器的平板电脑,采用21.5寸1920*1080 TFT LCD,全贴合表面投射式多点电容触摸屏。该产品具有全面的I/O接口,支持1*2.5寸SATA 盘位和1*mSATA双存储;内置1*Mini PCIe 和1*M.2 3042/3052 扩展, DC 9~36V宽压直流供电, 机身 为全铝压铸无风扇散热, 多种安装方式, 适用于智能MES系统和设备管理HMI。

产品参数

System

CPU	Intel® Tigerlake U Celeron/Core I3/I5/I7 CPU, ULT SoC, TDP 12W/15W
RAM	1*DDR4, 3200Mhz SODIMM, 32GB max.
Graphics	Intel®UHD/ Intel® Iris® Xe Graphics: Intel DL boost, DirectX12.1, OpenGL 4.6 and OpenCL 3.0; HDMI:4096*2304@60Hz

I/O Port

LAN	2*Intel I226V, 10M-1000M, WOL
USB	4*USB3.2
Display	1*HDMI
Audio	1*Line out, Realtek ALC897,2*3W Speaker
Serial port	2*RS232/422/485+2*RS232

LCD Display

Dimension	21.5" TFT LCD
Resolution	1920*1080@60Hz
Max. colors	16.7M
Luminance (cd/m²)	300
Viewing Angle	89°(L), 89°(R), 89°(U),89°(D)

Touchscreen

Touch type	projected capacitive touch screen
Transmittance	90%
Controller	USB

Storage

Storage	1*2.5" SATA3.0 HDD/SSD, 1*mSATA
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Expansion

Expansion	1*Mini PCIe(PCIe&USB),PCIe/USB module; 1*M.2 B-Key 3042/3052(+SIM), 4G LTE/5G NR; Opt. 1*PCIeX4 (X4) or 1*32 bit PCI
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Power Supply

Input voltage & TDP	DC IN 9~36V; 11.52W (CPU i7-1165G7, 8G DDR4, 128G SSD)
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Mechanical

Sturcture	Aluminum die-casting front bezel , fin-shaped radiator shell
Dimension (W*H*D)	574*345*64mm Panel mounting opening size(W*H): 538*335mm
Installation	Panel/VESA(100*100/75*75mm)
Net Weight	8.15KG

Environmental

Operating Temp	0~ 50°C, HDD(-10 ~ 55°C, SSD),airflow
Storage Temp	-20°C~60°C
Storage Humidity	10~95%@40°C, non-condensing
Vibration	1g 5~500Hz,with HDD
Shock	10g peak acceleration(duration 11ms) with HDD
EMC	CE,FCC Class A

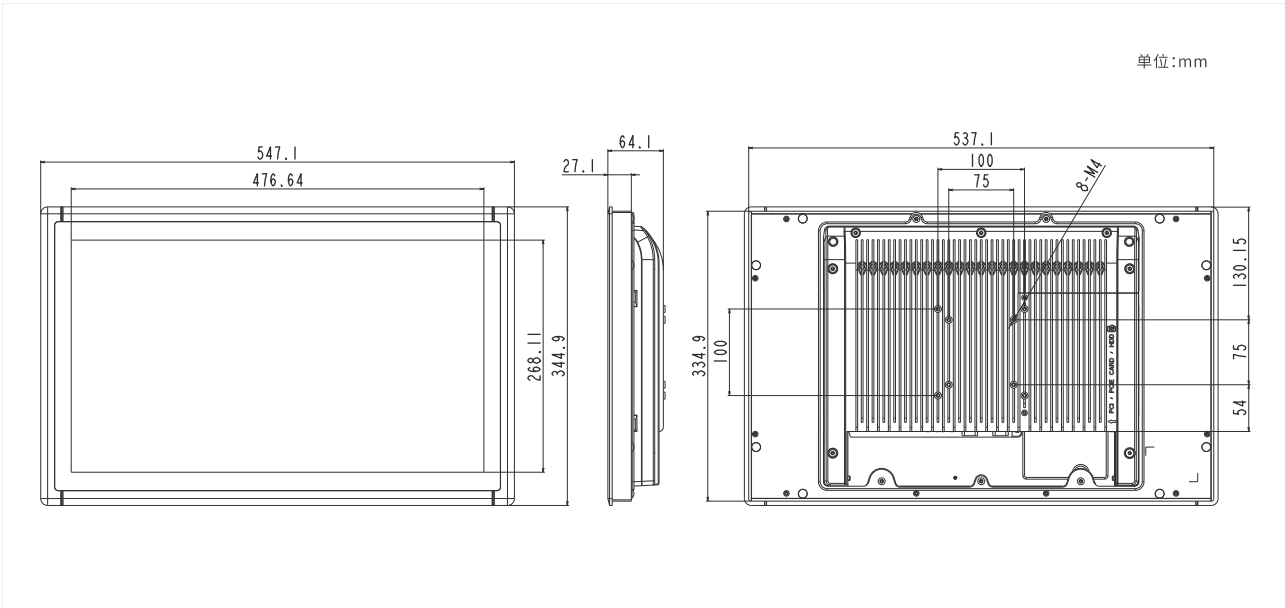
OS

	Windows 11/10*IoT enterprise, Android, SUSE, Ubuntu, Wind River, Red Hat*Enterprise, Wind River VxWorks*7, Yocto
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接口说明



产品尺寸



订购信息

型号	CPU	触摸屏	规格说明
ALAD-K2150T(P)/S001	Intel® Core I3-1115G4	投射式电容屏(TP)	21.5'' TFT LCD, 4*COM, 2*LAN, 4*USB3.2, 1*HDMI, 1*Mini PCIe, 1*M.2 B-Key, 1*Line out, 1*2.5"SATA, 1*mSATA, 2*3W Amplifier, DC 9~36V
ALAD-K2150T(P)/S002	Intel® Core I5-1135G7		
ALAD-K2150T(P)/S003	Intel® Core I7-1165G7		
ALAD-K2150T(P)/S004	Intel® Celeron 6305E		
ECX-168	1*PCIeX4 slot(X4 signal) (non COM3&4 in use)		
ECI-169	1*32-bit PCI slot (non COM3&4 in use)		
PA-60DC12	AC/DC power adapter, DC12V@5A ,60W		
PA-120DC19	AC/DC power adapter, DC19V@6.32A ,120W (when use POE network card for expansion)		

ALAD-K2350T(P)

23.8" Full HD LCD 电容屏, Intel® Tigerlake CPU, 4*COM, 2*LAN, 4*USB3.2, 1* Line out, 1*mSATA,1*2.5“ SATA bay, DC 9~36V

产品特点

- 铝合金压铸成型机身, 全平面镜面面板
- 23.8" Full HD LCD, 多点电容触摸屏
- Intel® Tigerlake U CPU, 无风扇散热设计
- 1*DDR4 3200MHz SODIMM,最大支持32GB
- 1*MiniPCIe, 1*M.2 B-Key Type 3042/3052
- 4*COM, 2*LAN, 4*USB3.2, 可选1*8-bit DIO
- 2.5寸SATA盘,1*mSATA,1*Line out, 2*3W 功放
- 可选1*PCIeX4 (X4信号) 或1*PCI扩展
- DC 9~36V宽压直流供电
- 标准VESA安装和面板嵌入安装



产品概述

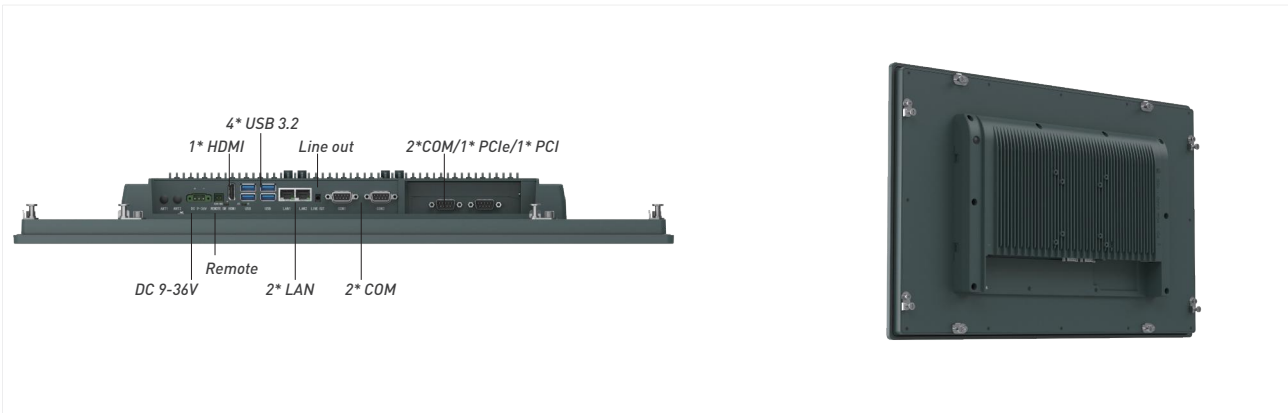
ALAD-K2350T(P) 是全平面镜面平板电脑 , 搭载 Intel®Tiger lake U 系列处理器。采用 23.8 寸 1920*1080 分辨率全高清 TFT LCD,全贴合表面投射式多点电容触摸屏。该产品具有全面的 I/O 接口,支持 1*2.5 寸 SATA 盘位和 1*mSATA 双存储; 内置 1*Mini PCIe 和 1*M.2 3042/3052 扩展,DC 9~36V 宽压直流供电,机身 为全铝压铸无风扇散热,多种安装方式,适用于智能 MES 系统和设备管理 HMI。

产品参数

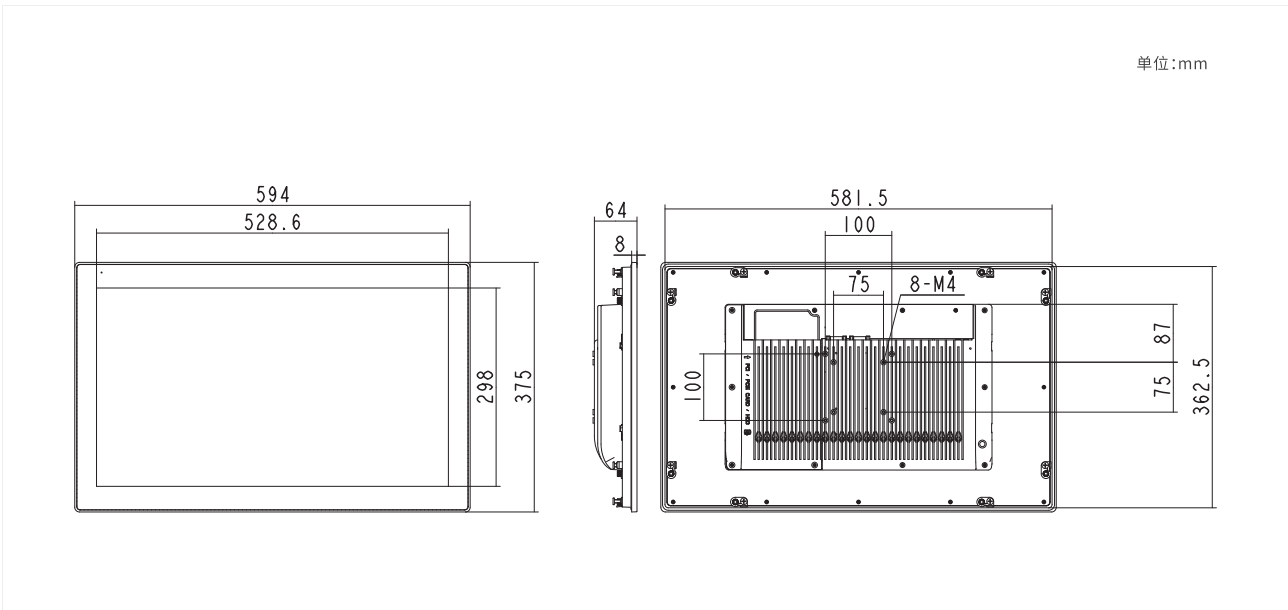
System	
CPU	Intel® Tigerlake U Celeron/Core I3/I5/I7 CPU, ULT SoC, TDP 12W/15W
RAM	1*DDR4, 3200Mhz SODIMM, 32GB max.
Graphics	Intel®UHD/ Intel® Iris® Xe Graphics: Intel DL boost, DirectX12.1, OpenGL 4.6 and OpenCL 3.0; HDMI:4096*2304@60Hz
I/O Port	
LAN	2*Intel I226V, 10M-1000M, WOL
USB	4*USB3.2
Display	1*HDMI
Audio	1*Line out, Realtek ALC897,2*3W Speaker
Serial port	2*RS232/422/485+2*RS232
LCD Display	
Dimension	23.8" TFT LCD
Resolution	1920*1080@60Hz
Max. colors	16.2M
Luminance (cd/m²)	350
Viewing Angle	89°(L), 89°(R), 89°(U),89°(D)
Touchscreen	
Touch type	projected capacitive touch screen
Transmittance	≥85%
Controller	USB
Storage	
Storage	1*2.5" SATA3.0 HDD/SSD, 1*mSATA

Expansion	
Expansion	1*Mini PCIe(PCle&USB),PCle/USB module; 1*M.2 B-Key 3042/3052(+SIM), 4G LTE/5G NR; Opt. 1*PCIeX4 (X4) or 1*32 bit PCI
Power Supply	
Input voltage & TDP	DC IN 9~36V; 11.52W (CPU i7-1165G7, 8G DDR4, 128G SSD)
Mechanical	
Sturcture	Aluminum die-casting front bezel , fin-shaped radiator shell
Dimension (W*H*D)	594*375*64mm Panel mounting opening size(W*H): 583*364mm
Installation	Panel/VESA(100*100/75*75mm)
Net Weight	7.74KG
Environmental	
Operating Temp	0~ 50°C, HDD(-10 ~ 55°C, SSD),airflow
Storage Temp	-20°C~60°C
Storage Humidity	10~95%@40°C, non-condensing
Vibration	1g 5~500Hz,with HDD
Shock	10g peak acceleration(duration 11ms) with HDD
EMC	CE,FCC Class A
OS	Windows 11/10*IoT enterprise, Android, SUSE, Ubuntu, Wind River, Red Hat*Enterprise, Wind River VxWorks*7, Yocto

接口说明



产品尺寸



订购信息

型号	处理器	触摸屏	规格说明
ALAD-K2350T(P)/ S001	Intel® I3-1115G4	投射式电容触摸屏	23.8" TFT LCD, 4*COM, 2*LAN, 4*USB3.2, 1*HDMI,1*Mini PCIe, 1*M.2 B-Key, 1*Line out, 1*2.5" SATA盘位, 1*mSATA, 2*2W功放喇叭, DC 9~36V直流供电
ALAD-K2350T(P)/ S002	Intel® I5-1135G7		
ALAD-K2350T(P)/ S003	Intel® I7-1165G7		
ALAD-K2350T(P)/ S004	Intel® Celeron 6305E		
ECX-168	1*PCIeX4 slot(X4信号) (使用时没有COM3&4)		
ECI-169	1*32-bit PCI slot (使用时没有COM3&4)		
PA-60DC12	AC/DC电源适配器, DC12V/5A, 60W		
PA-120DC19	AC/DC电源适配器, DC19V/6.32A, 120W(当使用POE网卡作为扩展时)		

WPPC-H1580T

Intel® Celeron J1900 CPU, 2*GbE LAN, 2*COM, 1*USB3.0,3*USB2.0, 1*HDMI, 1*VGA, 不锈钢无风扇设计

产品特点

- Intel® Baytrail Celeron J1900 2.0-2.42G CPU
- 1-Ch DDR3L 1333MHZ SODIMM, Up to 8GB
- SUS304 不锈钢外壳, 3.0mm 5052 铝合金后盖
- 全平面向框设计, 无风扇设计
- 整机除IO接口防护等级达到IP65/IP66
- 15” LED TFT LCD, 电阻/电容触摸屏
- 1*HDMI, 1*VGA,2*GbE LAN,2*COM, 1*USB3.0, 3*USB2.0
- 1*Opt. ANT,支持4G LTE或者WiFi/BT4.0
- 1*Mini PCIe (PCIe+USB, w/SIM)
- 1*Simple-swap 2.5” SATA bay , 1*mSATA
- DC 9~36V 宽压输入



产品概述

WPPC-H1580T 是一款坚固超可靠的无风扇嵌入式防水平板PC。前面板使用SUS304 不锈钢外壳, 后盖采用3.0mm 5052铝合金设计, 既能满足CPU散热 , 又可以满足VESA安装。它具有超强防水、坚固可靠、高性能、多IO、多扩展、应用范围广等特点。适用于潮湿、寒冷、恶劣的环境。

产品参数

System

CPU	Intel® Baytrail Celeron J1900 2.0-2.42G CPU
RAM	1*DDR3L,1333Mhz SODIMM, Max.8GB
Graphics	Gen.7 Intel® HD Graphics,LCD+HDMI+VGA 3 displays, OpenGL 3.2, DirectX 11, OpenCL 1.2, MPGE2/H.264 VGA:1920*1200@60Hz; HDMI 1920*1080@60Hz

I/O Port

LAN	2*Intel I211AT, Gigabit
USB	1*USB3.0, 3*USB2.0
Display	1*HDMI+1*VGA
Audio	optional audio
Serial port	2*RS232/422/485

LCD Display

Dimension	15” TFT LED
Resolution	1024*768
Max. colors	16.2M
Luminance (cd/m²)	350
Viewing Angle	80°(left), 80°(right), 80°(up),80°(down)

Touchscreen

Touch type	5-wire resistive touch screen/projected capacitive touch screen
Light Transmission	83/90%
Controller	USB/USB

Storage

Storage	1*2.5" SATA(swappable), 1*mSATA Full-height card, support AHCI
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Expansion

Expansion Port	1*Mini PCIe, with SIM slot
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Power Supply

Power Supply & Power consumption	DC IN 9~36V, D-Jack w/M8, Power consumption: 19.5W
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Mechanical

Sturcture	SUS304 Stainless steel /5052 Aluminum alloy/SECC
Dimension (W*H*D)	405.22*328.22*52.1mm
Installation	Desktop mounting VESA(100*100mm)
Net Weight	5.8KG

Environmental

Operating Temp	0~ 60°C
Storage Temp	-40°C~85°C
Storage Humidity	10~90%@40°C, No- condensation
Vibration	1g 5~500Hz
Shock	10g peak acceleration(duration 11ms) with HDD
EMC	CE,FCC Class A

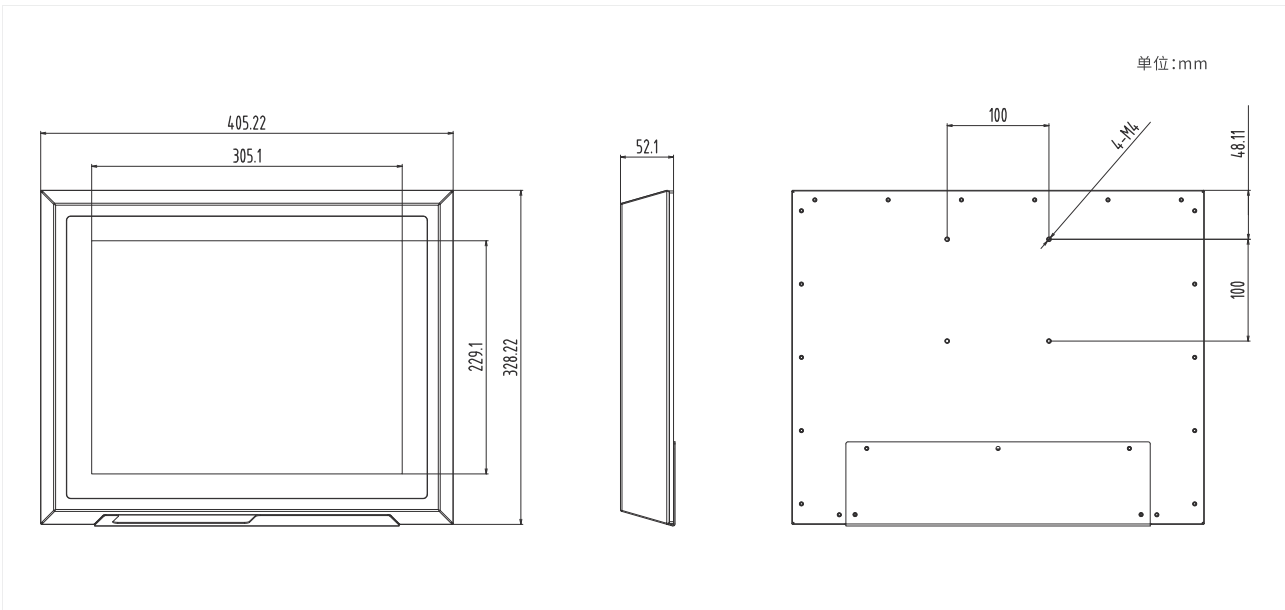
OS

	Windows 7,Windows 8.1, Windows 10, Linux Fedora Ubuntu
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接口说明



产品尺寸



订购信息

型号	处理器	触摸屏	规格说明
WPPC-H1580T-T001	Intel® Baytrail Celeron J1900 CPU	5线电阻触摸屏	15寸TFT LCD, 1*HDMI, 1*VGA, 2*G-LAN, 2*COM, 1*Opt. ANT, 1*USB3.0, 3*USB2.0, 1*Mini PCIe , 1*易抽拉 2.5" SATA盘, 1*mSATA, DC 9~36V
WPPC-H1580T(P)-T001		投射式电容屏	
PA-60DC12	AC/DC电源适配器, DC12V/5A, 60W		

WPPC-H1780T

Intel® Celeron J1900 CPU, 2*GbE LAN, 2*COM, 1*USB3.0,3*USB2.0, 1*HDMI, 1*VGA, 不锈钢无风扇设计

产品特点

- Intel® Baytrail Celeron J1900 2.0-2.42G CPU
- 1-Ch DDR3L 1333MHZ SODIMM, Up to 8GB
- SUS304 不锈钢外壳, 3.0mm 5052 铝合金后盖
- 全平平方框设计, 无风扇设计
- 整机除IO接口防护等级达到IP65/IP66
- 17” LED TFT LCD, 电阻/电容触摸屏
- 1*HDMI, 1*VGA,2*GbE LAN,2*COM, 1*USB3.0, 3*USB2.0
- 1*Opt. ANT,支持4G LTE或者WiFi/BT4.0
- 1*Mini PCIe (PCIe+USB, w/SIM)
- 1*Simple-swap 2.5” SATA bay , 1*mSATA
- DC 9~36V 宽压输入



产品概述

WPPC-H1780T 是一款坚固超可靠的无风扇嵌入式防水平板PC。前面板使用SUS304不锈钢外壳, 后盖采用3.0mm 5052铝合金设计, 既能满足CPU散热, 又可以满足VESA安装。它具有超强防水、坚固可靠、高性能、多IO、多扩展、应用范围广等特点。适用于潮湿、寒冷、恶劣的环境。

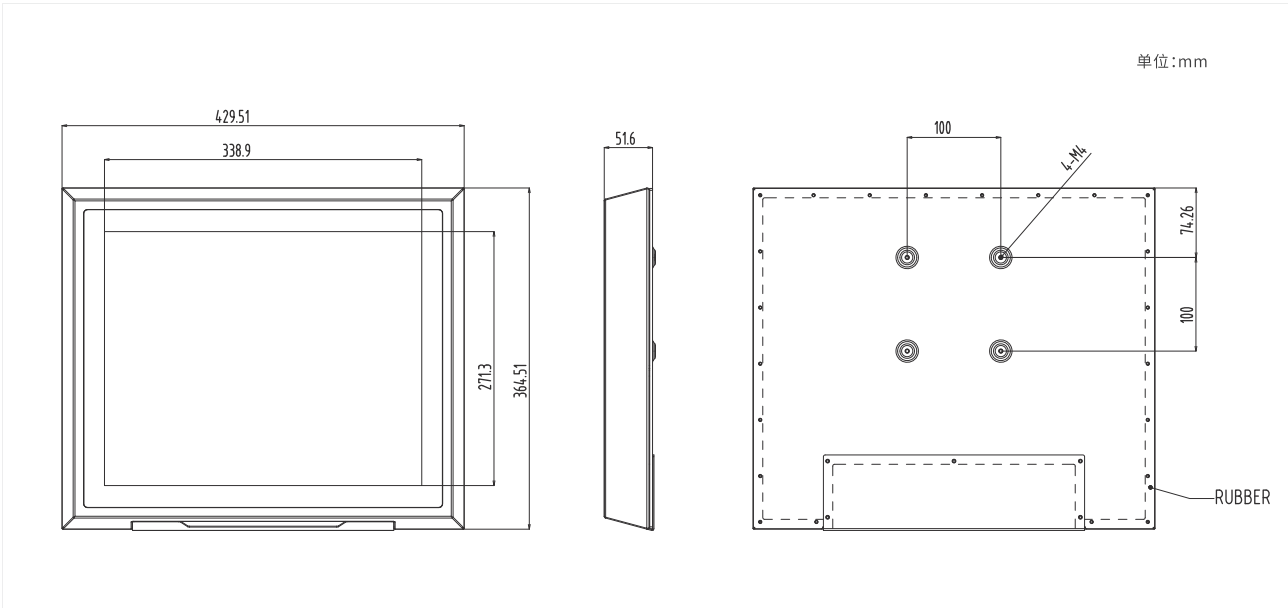
产品参数

System		Storage	
CPU	Intel® Baytrail Celeron J1900 2.0-2.42G CPU	Storage	1*2.5" SATA (swappable) 1*mSATA Full-height card, support AHCI
RAM	1*DDR3L,1333Mhz SODIMM Max. 8GB	Expansion	
Graphics	Gen.7 Intel® HD Graphics LCD+HDMI+VGA 3 displays, OpenGL 3.2, DirectX 11, OpenCL 1.2, MPGE2/H.264 VGA:1920*1200@60Hz; HDMI 1920*1080@60Hz	Expansion Port	1*Mini PCIe, with SIM slot
I/O Port		Power Supply	
LAN	2*Intel I211AT, Gigabit	Power Supply & Power consumption	DC IN 9~36V, D-Jack w/M8, Power consumption: 30W
USB	1*USB3.0, 3*USB2.0	Mechanical	
Display	1*HDMI+1*VGA	Sturcture	SUS304 Stainless steel /5052 Aluminum alloy/SECC
Audio	optional audio	Dimension (w*h*d)	429.51*364.51*52.1mm
Serial port	2*RS232/422/485	Installation	Desktop mounting VESA(100*100mm)
LCD Display		Net Weight	5.57KG
Display	17" TFT LED	Environmental	
Resolution	1280*1024	Operating Temp	0~ 60°C
Max. colors	16.2M	Storage Temp	-40°C~85°C
Luminance (cd/m²)	600	Storage Humidity	10~90%@40°C, No- condensation
Viewing Angle	80°(left), 80°(right), 70°(up),80°(down)	Vibration	1g 5~500Hz
Touchscreen		Shock	10g peak acceleration(duration 11ms) with HDD
Touch type	5-wire resistive touch screen/projected capacitive touch screen	EMC	CE,FCC Class A
Light Transmission	83/90%	OS	
Controller	USB/USB	Windows 7,Windows 8.1, Windows 10, Linux Fedora Ubuntu	

接口说明



产品尺寸



订购信息

型号	处理器	触摸屏	规格说明
WPPC-H1780T-T001	Intel® Baytrail Celeron J1900 CPU	5线电阻触摸屏	17寸TFT LCD, 1*HDMI, 1*VGA, 2*G-LAN, 2*COM, 1*Opt. ANT, 1*USB3.0, 3*USB2.0, 1*Mini PCIe , 1*易抽拉 2.5”SATA盘, 1*mSATA, DC 9~36V
WPPC-H1780T(P)-T001		投射式电容屏	
PA-60DC12	AC/DC电源适配器, DC12V/5A, 60W		



应用
APPLICATION
▶▶▶
环保监测



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物流和仓储

						
ALAD-101T	ALAD-151T	ALAD-171T	ALAD-181T(P)	ALAD-191T	ALAD-211T(P)	
LCD Display						
Dimension	10.1" TFT LED	15" TFT LED	17" TFT LED	18.5" TFT LED	19" TFT LED	21.5" TFT LED
Resolution	1280*800	1024*768	1280*1024	1366*768	1280*1024	1920*1080
Max. colors	16.7M	16.2M	16.2M	16.7M	16.7M	16.7M
Max. Luminance	350	350	600	300	470	300
Viewing Angle	85°(left), 85°(right), 85°(up), 85°(down)	80°(left), 80°(right), 80°(up), 80°(down)	80°(left), 80°(right), 70°(up), 80°(down)	89°(left), 89°(right), 85°(up), 85°(down)	85°(left), 85°(right), 75°(up), 85°(down)	89°(left), 89°(right), 89°(up), 89°(down)
Backlight life	15000 hours/50000 hours	50000 hours	70000 hours	50000 hours	50000 hours	50000 hours
Touch screen						
Touch type	5-wire resistive touch screen/projected capacitive touch screen	5-wire resistive touch screen/projected capacitive touch screen	5-wire resistive touch screen/projected capacitive touch screen	Projected capacitive touch screen	5-wire resistive touch screen/projected capacitive touch screen	Projected capacitive touch screen
Light Transmission	80%/90%	83%/90%	80%/90%	90%	83%/90%	90%
Controller	USB/USB	USB/USB,RS232	USB/USB	USB/RS232	USB/USB	USB/RS232
I/O Port						
OSD menu/language	AUTO/Power/Menu/Source/UP (LEFT)/DOWN(RIGHT) Chinese, English, German, French, Russian, Italian, Spanish, Arabic and other optional languages		AUTO/Power/Menu/Source/UP (LEFT)/DOWN(RIGHT) Chinese, English, German, French, Russian, Italian, Spanish, Arabic and other optional languages			
Display	1*VGA+1*HDMI/1*DP (choose one)	1*VGA+1*HDMI/1*DP (choose one)	1*VGA+1*HDMI/1*DP (choose one)	1*VGA+1*HDMI/1*DP (choose one)	1*VGA+1*HDMI/1*DP (choose one)	1*VGA+1*HDMI/1*DP (choose one)
Audio	1*Line in, 2*2W power speaker	1*Line in, 2*3W power speaker	1*Line in, 2*3W power speaker	1*Line in, 2*3W power speaker	1*Line in, 2*3W power speaker	1*Line in, 2*3W power speaker
Touch interface	1*RS232 Touch, 1*USB Touch	1*RS232 Touch, 1*USB Touch	1*RS232 Touch, 1*USB Touch	1*RS232 Touch, 1*USB Touch	1*RS232 Touch, 1*USB Touch	1*RS232 Touch, 1*USB Touch
Power						
Power Input	DC 10-30V	DC 10-30V	DC 10-30V	DC 10-30V	DC 10-30V	DC 10-30V
Power consumption	12V@0.65A (No Power output)	12V@0.65A (No Power output)	12V@1.6A (No Power output)	12V@1.6A (No Power output)	12V@1.6A (No Power output)	12V@1.6A (No Power output)
standby power consumption	Standby power consumption <1W	Standby power consumption <1W	Standby power consumption <1W	Standby power consumption <1W	Standby power consumption <1W	Standby power consumption <1W
Mechanical						
Structure	Aluminum alloy die-casting, flat panel, cooling fin case	Aluminum alloy die-casting, flat panel, cooling fin case	Aluminum alloy die-casting, flat panel, cooling fin case	Aluminum alloy die-casting, flat panel, cooling fin case	Aluminum alloy die-casting, flat panel, cooling fin case	Aluminum alloy die-casting, flat panel, cooling fin case
Dimension (W*H*D)	275*193*51mm Panel mounting opening size(W*H): 271*189mm	380*315*56mm Panel mounting opening size (W*H): 367.3*303.3mm	415.5*360.5*59mm Panel mounting opening size (W*H): 407*352mm	482.3*304.3*59.1mm Panel mounting opening size (W*H): 473.8*295.8mm	453.5*388.5*64.1mm Panel mounting opening size (W*H): 445*380mm	546.9*344.7*64.1mm Panel mounting opening size (W*H): 537.5*335.3mm
Net Weight	1.8kg	4.3kg	TBD	6.6kg	TBD	8.1kg
Installation	Panel mounting, VESA (75*75mm)	Panel mounting, VESA (100*100/75*75mm)	Panel mounting, VESA (100*100mm)	Panel mounting, VESA (100*100/75*75mm)	Panel mounting, VESA (100*100/75*75mm)	Panel mounting, VESA (100*100/75*75mm)
Environmental						
Operating Temp	-20~70°C, with air flow	0~50°C, with air flow	0~50°C, with air flow	0~50°C, with air flow	0~60°C, with air flow	0~50°C, with air flow
Storage Temp	-40~80°C	-20~60°C	-20~60°C	-20~60°C	-40~80°C	-20~60°C
Humidity	10~95%@40°C, No- condensation	10~95%@40°C, No- condensation	10~95%@40°C, No- condensation	10~95%@40°C, No- condensation	10~95%@40°C, No- condensation	10~95%@40°C, No- condensation
Vibration	1g 5~500Hz	1g 5~500Hz	1g 5~500Hz	1g 5~500Hz	1g 5~500Hz	1g 5~500Hz
Shock	10g peak acceleration(duration 11ms)	10g peak acceleration(duration 11ms)	10g peak acceleration(duration 11ms)	10g peak acceleration(duration 11ms)	10g peak acceleration(duration 11ms)	10g peak acceleration(duration 11ms)
Certificate	CE,FCC Class A	CE,FCC Class A	CE,FCC Class A	CE,FCC Class A	CE,FCC Class A	CE,FCC Class A

ALAD-101T

10.1寸TFT LCD, 电容/电阻屏, HDMI/DP(二选一), VGA三信号显示, OSD按键菜单操作

产品特点

- 铝合金压铸成型, 自然流线型设计
- 10.1寸 高分辨率TFT LCD,LED背光
- 5线高温耐磨电阻触摸屏
- 可选表面投射式电容屏, 支持多点触控
- HDMI/DP(二选一) 和VGA信号输入
- Audio音频输入, 支持2*2W功放喇叭
- 直流12V电源输入
- 全平面面板, IP65等级防护



产品概述

ALAD-101T是一款工业数字触摸显示器,支持10.1寸的TFT LED液晶屏, 高分辨率1280*800, USB和串口双信号五线电阻触摸屏, 可选电容触摸屏。HDMI/DP(二选一), 多种安装方式适合车载显示, 工业自动化, 医疗, 新能源等不同领域的应用现场。

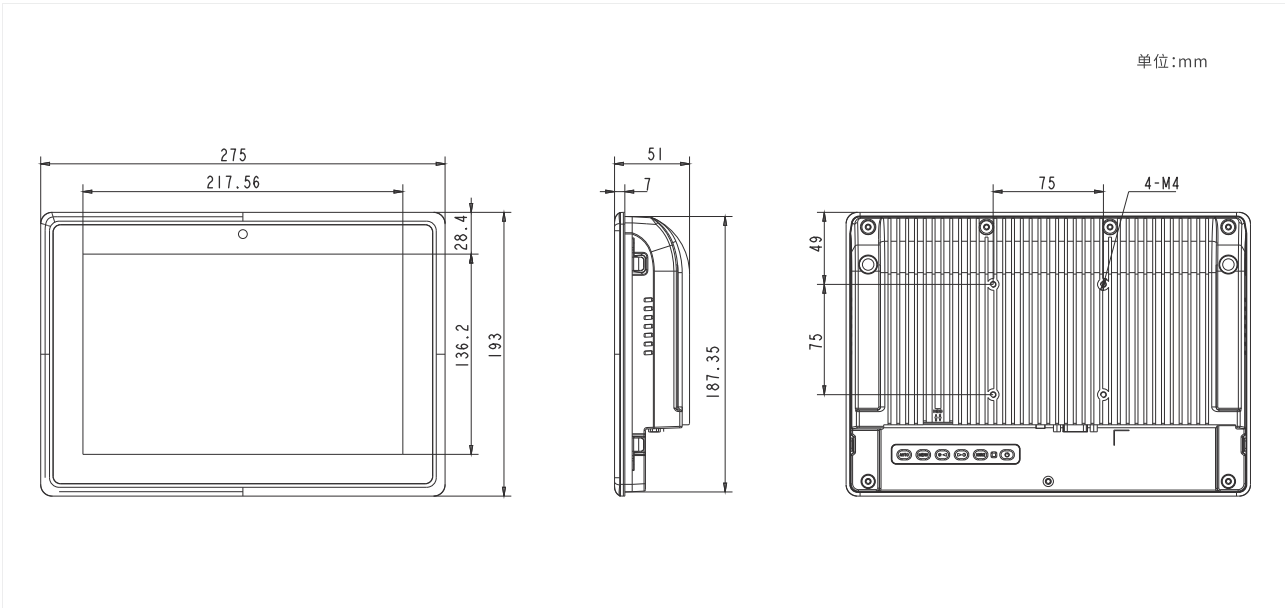
产品参数

Display Screen		Power	
Dimension	10.1" TFT LED	Power input	DC 10-30V
Resolution	1280*800	Power consumption	12V@0.65A (No Power output)
Max. colors	16.7M	Standby power consumption	Standby power consumption <1W
Max. Luminance	350		
Viewing Angle	85°(left), 85°(right), 85°(up), 85°(down)	Mechanical	
Backlight life	15000 hours/50000 hours	Structure	Aluminum alloy die-casting, flat panel, cooling fin case
		Dimension (W*H*D)	275*193*51mm Panel mounting opening size(W*H): 271*189mm
		Net Weight	1.8kg
		Installation	Panel mounting, VESA (75*75mm)
Touch Screen		Environmental	
Type	5-wire resistive touch screen/projected capacitive touch screen	Operating Temp	-20~70°C, with air flow
Light Transmission	80%/90%	Storage Temp	-40~80°C
Controller	USB/USB	Humidity	10~95%@40°C, No- condensation
		Vibration	1g 5~500Hz
		Shock	10g peak acceleration(duration 11ms) with HDD
		Certificate	CE,FCC Class A
I/O Port			
OSD menu/language	AUTO/Power/Menu/Source/UP (LEFT)/DOWN(RIGHT) Chinese, English, German, French, Russian, Italian, Spanish, Arabic and other optional languages		
Display	1*VGA+1*HDMI/1*DP (choos one)		
Audio	1*Line in, 2*2W power speaker		
Touch interface	1*RS232 Touch, 1*USB Touch		

接口说明



产品尺寸



订购信息

型号	触摸屏	规格说明
ALAD-101T/S001-G	5-wire resistive touch screen	10.1" TFT LCD, 1*HDMI (default) /1*DP(optional) , 1*VGA, 1*Line in, 2*2W power speaker, DC 10-30V power supply
ALAD-101T (P) /S001-G	Projected capacitive touch screen	
PA-60DC12	AC/DC power adapter, DC12V/5A, 60W	

ALAD-151T

15寸TFT LCD, 电容/电阻屏, HDMI/DP(二选一)和VGA信号, OSD按键菜单操作

产品特点

- 铝合金压铸成型, 自然流线型设计
- 15寸 高分辨率TFT LCD, LED背光
- 5线高温耐磨电阻触摸屏
- 可选表面投射式电容屏, 支持多点触控
- HDMI/DP(二选一)和VGA信号输入
- Audio音频输入, 支持2*3W功放喇叭
- 直流12V电源输入
- 全平面面板, IP65等级防护



产品概述

ALAD-151T-G是一款工业数字触摸显示器, 支持15寸的TFT LED液晶屏, 高分辨率1024*768, USB和串口双信号五线电阻触摸屏, 可选电容触摸屏。HDMI/DP(二选一), 是一款工业规格的多媒体显示器, 多种安装非常适合不同应用现场。

产品参数

Display Screen

Dimension	15" TFT LED
Resolution	1024*768
Max. colors	16.2M
Max. Luminance	350
Viewing angle	80°(left), 80°(right), 80°(up), 80°(down)
Backlight life	50000 hours

Touch Screen

Type	5-wire resistive touch screen/projected capacitive touch screen
Light Transmission	83%/90%
Controller	USB/USB,RS232

I/O Port

OSD menu/language	AUTO/Power/Menu/Source/UP (LEFT)/DOWN(RIGHT) Chinese, English, German, French, Russian, Italian, Spanish, Arabic and other optional languages
Display	1*VGA+1*HDMI/1*DP (choose one)
Audio	1*Line in, 2*3W power speaker
Touch interface	1*RS232 Touch, 1*USB Touch

Power

Power input	DC 10-30V
Power consumption	12V@0.65A (No power output)
Standby power consumption	Standby power consumption <1W

Mechanical

Structure	Aluminum alloy die-casting, flat panel, cooling fin case
Dimension(W*H*D)	380*315*56mm Panel mounting opening size (W*H): 367.3*303.3mm
Net weight	4.3kg
Installation	Panel mounting, VESA (100*100/75*75mm)

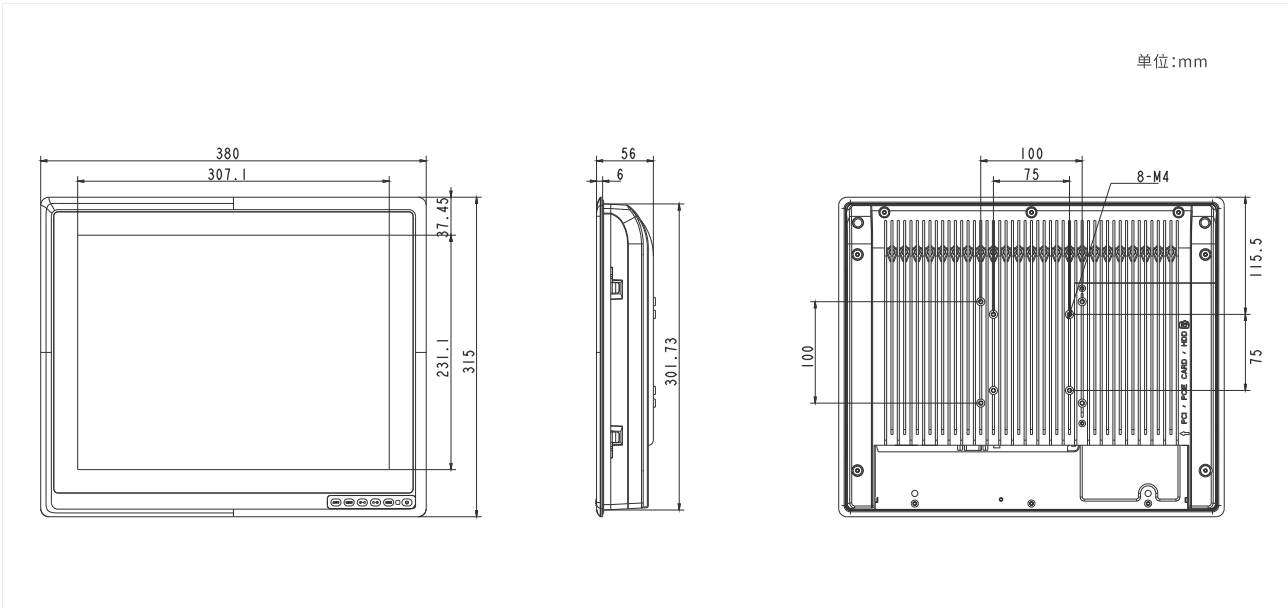
Environmental

Operating Temp	0~50°C, with air flow
Storage Temp	-20~60°C
Storage Humidity	10~95%@40°C, No- condensation
Vibration	1g 5~500Hz
Shock	10g peak acceleration(duration 11ms) with HDD
Certificate	CE,FCC Class A

接口说明



产品尺寸



订购信息

型号	触摸屏	规格说明
ALAD-151T/S001-G	5-wire resistive touch screen	15" TFT LCD, 1*HDMI (default) /1*DP(optional) , 1*VGA, 1*Line in, 2*3W power speaker, DC 10-30V power supply
ALAD-151T (P) /S001-G	Projected capacitive touch screen	
PA-60DC12	AC/DC power adapter, DC12V/5A, 60W	

ALAD-171T

17寸TFT LCD, 电容/电阻屏, HDMI/DP(二选一), VGA双信号, OSD按键菜单操作

产品特点

- 铝合金压铸成型, 自然流线型设计
- 17寸 高分辨率TFT LCD, LED背光
- 5线高温耐磨电阻触摸屏
- 可选表面投射式电容屏, 支持多点触控
- HDMI/DP(二选一)和VGA信号输入
- Audio音频输入,支持 2*3W功放喇叭
- 直流12V电源输入
- 全平面面板, IP65等级防护



产品概述

ALAD-171T-G是一款工业数字触摸显示器, 支持17寸的TFT LED液晶屏, 高分辨率1280*1024, USB和串口双信号五线电阻触摸屏,可选电容触摸屏。HDMI/DP(二选一), 是一款工业规格的多媒体显示器, 多种安装非常适合不同应用现场。

产品参数

Display Screen

Dimension	17" TFT LED
Resolution	1280*1024
Max. colors	16.2M
Max. Luminance	600
Viewing angle	80°(left), 80°(right), 70°(up), 80°(down)
Backlight life	70000 hours

Touch Screen

Type	5-wire resistive touch screen/projected capacitive touch screen
Light Transmission	80%/90%
Controller	USB/USB

I/O Port

OSD menu /language	AUTO/Power/Menu/Source/UP (LEFT)/DOWN(RIGHT) Chinese, English, German, French, Russian, Italian, Spanish, Arabic and other optional languages
Display	1*VGA+1*HDMI/1*DP (choose one)
Audio	1*Line in, 2*3W power speaker
Touch interface	1*RS232 Touch, 1*USB Touch

Power

Power input	DC 10-30V
Power consumption	12V@1.6A (No power output)
Standby power consumption	Standby power consumption <1W

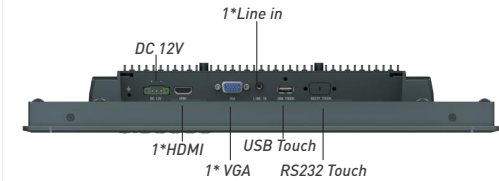
Mechanical

Structure	Aluminum alloy die-casting, flat panel, cooling fin case
Dimension (W*H*D)	415.5*360.5*59mm Panel mounting opening size (W*H): 407*352mm
Net weight	TBD
Installation	Panel mounting, VESA (100*100mm)

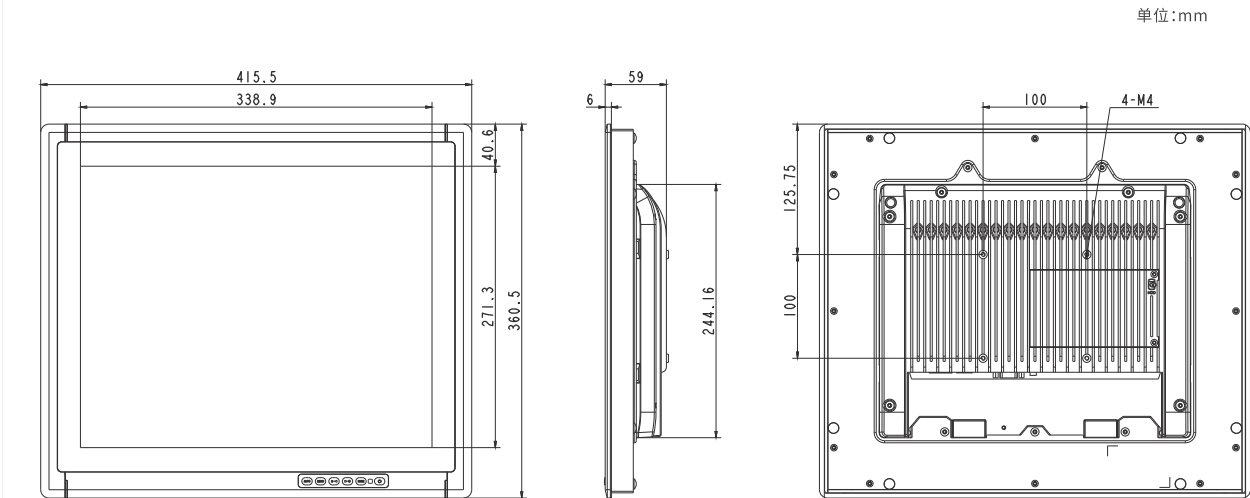
Environmental

Operating Temp	0~50°C, with air flow
Storage Temp	-20~60°C
Humidity	10~95%@40°C, No- condensation
Vibration	1g 5~500Hz
Shock	10g peak acceleration(duration 11ms) with HDD
Certificate	CE,FCC Class A

接口说明



产品尺寸



订购信息

型号	触摸屏	规格说明
ALAD-171T/S001-G	5-wire resistive touch screen	17" TFT LCD, 1*HDMI (default) /1*DP(optional) , 1*VGA, 1*Line in, 2*3W power speaker, DC 10-30V power supply
ALAD-171T (P) /S001-G	Projected capacitive touch screen	
PA-60DC12	AC/DC power adapter, DC12V/5A, 60W	

ALAD-181T(P)

18.5寸TFT LCD, 电容屏, HDMI/DP(二选一), VGA双信号, OSD按键菜单操作

产品特点

- 铝合金压铸成型, 自然流线型设计
- 18.5寸 高分辨率TFT LCD, LED背光
- 投射式电容触摸屏, 支持多点触摸
- HDMI/DP(二选一) 和VGA信号输入
- Audio音频输入,支持2*3W功放喇叭
- 直流12V电源输入
- 全平面面板, IP65等级防护



产品概述

ALAD-181T-G是一款工业数字触摸显示器, 支持18.5寸的TFT LED液晶屏, 高分辨率1366*768, USB和串口双信号,电容触摸屏。HDMI/DP(二选一), 是一款工业规格的多媒体显示器, 多种安装非常适合不同应用现场。

产品参数

Display Screen

Dimension	18.5" TFT LED
Resolution	1366*768
Max. colors	16.7M
Max. Luminance	300
View angle	89°(left), 89°(right), 85°(up), 85°(down)
Backlight life	50000 hours

Touch Screen

Type	Projected capacitive touch screen
Light Transmission	90%
Controller	USB/RS232

I/O Port

OSD menu/ language	AUTO/Power/Menu/Source/UP (LEFT)/DOWN(RIGHT) Chinese, English, German, French, Russian, Italian, Spanish, Arabic and other optional languages
Display	1*VGA+1*HDMI/1*DP (choose one)
Audio	1*Line in, 2*3 ower speaker
Touch interface	1*RS232 Touch, 1*USB Touch

Power

Power input	DC 10-30V
Power consumption	12V@1.6A (No power output)
Standby power consumption	Standby power consumption <1W

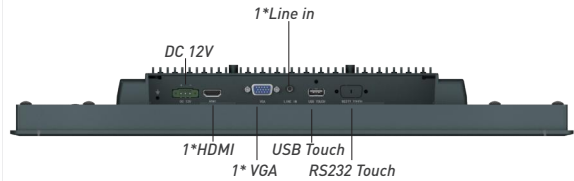
Mechanical

Structure	Aluminum alloy die-casting, flat panel, cooling fin case
Dimension (W*H*D)	482.3*304.3*59.1mm Panel mounting opening size (W*H): 473.8*295.8mm
Net weight	6.6kg
Installation	Panel mounting, VESA (100*100/75*75mm)

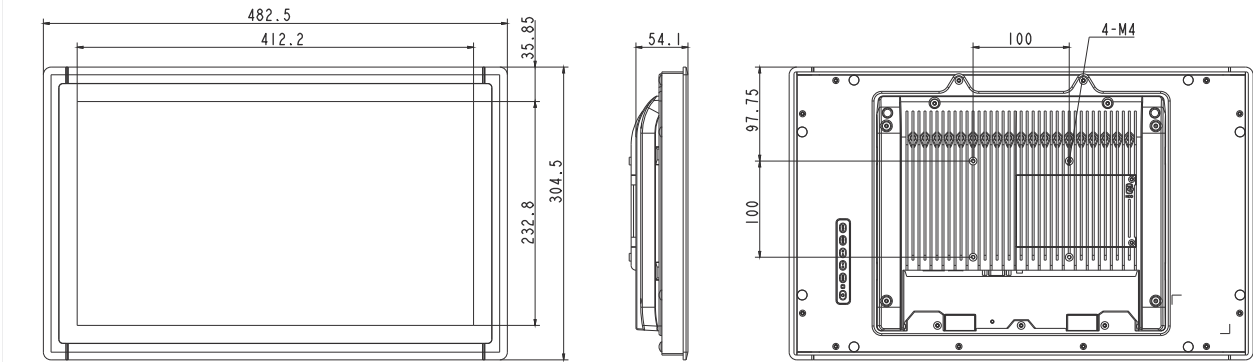
Environmental

Operating Temp	0~50°C, with air flow
Storage Temp	-20~60°C
Humidity	10~95%@40°C, No- condensation
Vibration	1g 5~500Hz
Shock	10g peak acceleration(duration 11ms) with HDD
Certificate	CE,FCC Class A

接口说明



产品尺寸



订购信息

型号	触摸屏	规格说明
ALAD-181T (P) /S001-G	Projected capacitive touch screen	18.5" TFT LCD, 1*HDMI (default) /1*DP(optional), 1*VGA, 1*Line in, 2*3W power speaker, DC 10-30V power supply
PA-60DC12	AC/DC adapter, DC12V/5A, 60W	

ALAD-191T

19寸TFT LCD, 电容/电阻屏, HDMI/DP(二选一), VGA双信号, OSD按键菜单操作

产品特点

- 铝合金压铸成型, 自然流线型设计
- 19寸高分辨率TFT LCD, LED背光
- 5线高温耐磨电阻触摸屏
- 可选表面投射式电容屏, 支持多点触控
- HDMI/DP(二选一),VGA信号输入
- Audio音频输入,支持 2*3W功放喇叭
- 直流12V电源输入
- 全平面面板, IP65等级防护



产品概述

ALAD-191T-G是一款工业数字触摸显示器, 支持19寸的TFT LED液晶屏, 高分辨率1280*1024, USB和串口双信号五线电阻触摸屏,可选电容触摸屏。HDMI/DP(二选一),是一款工业规格的多媒体显示器,多种安装非常适合不同应用现场。

产品参数

Display Screen

Dimension	19" TFT LED
Resolution	1280*1024
Max. colors	16.7M
Max. Luminance	470
View angle	85°(left), 85°(right), 75°(up), 85°(down)
Backlight life	50000 hours

Touch Screen

Type	5-wire resistive touch screen/projected capacitive touch screen
Light Transmission	83%/90%
Controller	USB/USB

I/O Port

OSD menu/ language	AUTO/Power/Menu/Source/UP (LEFT)/DOWN(RIGHT) Chinese, English, German, French, Russian, Italian, Spanish, Arabic and other optional languages
Display	1*VGA+1*HDMI/1*DP (choose one)
Audio	1*Line in, 2*3W power speaker
Touch interface	1*RS232 Touch, 1*USB Touch

Power

Power input	DC 10-30V
Power consumption	12V@1.6A (No power output)
Standby power consumption	Standby power consumption <1W

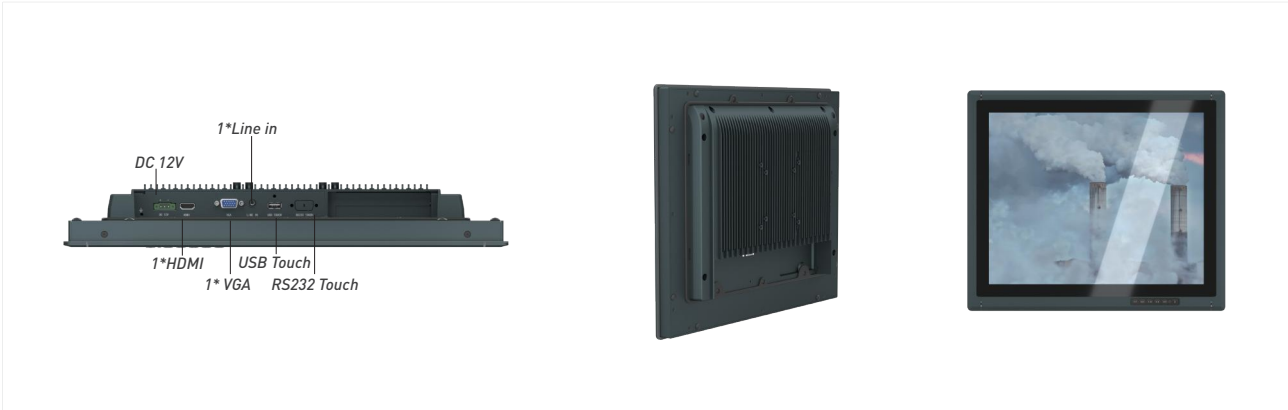
Mechanical

Structure	Aluminum alloy die-casting, flat panel, cooling fin case
Dimension (W*H*D)	453.5*388.5*64.1mm Panel mounting opening size (W*H): 445*380mm
Net weight	TBD
Installation	Panel mounting, VESA (100*100/75*75mm)

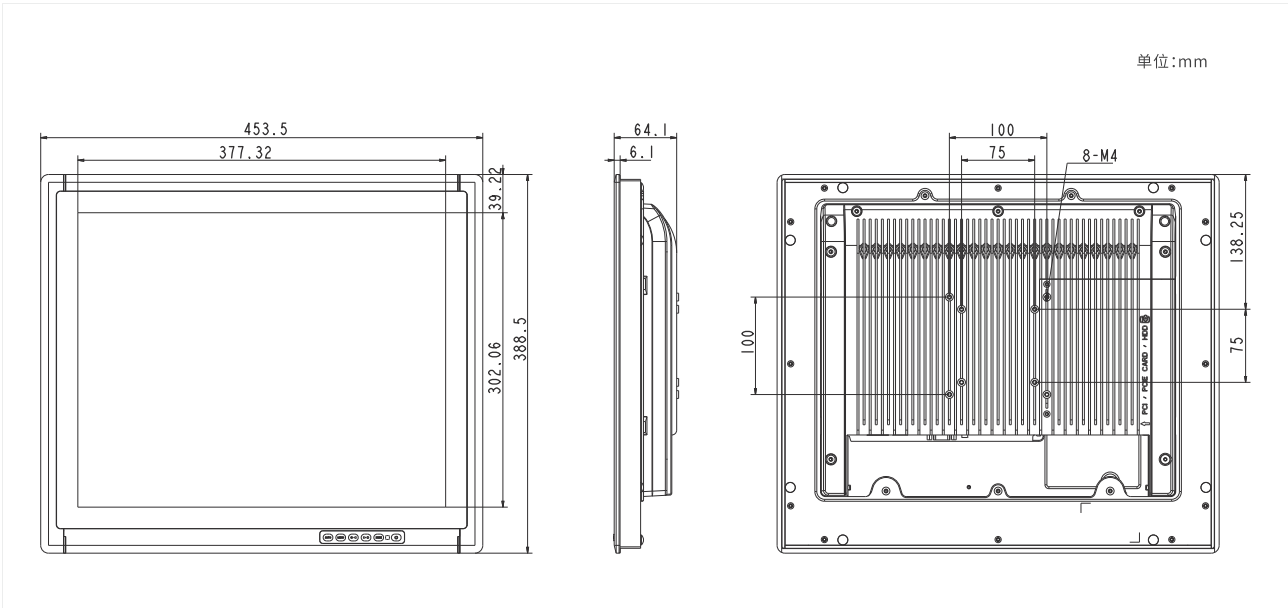
Environmental

Operating Temp	0~60°C, with air flow
Storage Temp	-40~80°C
Humidity	10~95%@40°C, No- condensation
Vibration	1g 5~500Hz
Shock	10g peak acceleration(duration 11ms) with HDD
Certificate	CE,FCC Class A

接口说明



产品尺寸



订购信息

型号	触摸屏	规格说明
ALAD-191T/S001-G	5-wire resistive touch screen	19" TFT LCD, 1*HDMI (default) / 1*DP(optional) , 1*VGA, 1*Line in, 2*3W power speaker, DC 10-30V power supply
ALAD-191T (P) /S001-G	Projected capacitive touch screen	
PA-60DC12	AC/DC power adapter, DC12V/5A, 60W	

ALAD-211T(P)

21.5寸TFT LCD, 电容屏, HDMI/DP(二选一), VGA双信号, OSD按键菜单操作

产品特点

- 铝合金压铸成型, 自然流线型设计
- 21.5寸 高分辨率TFT LCD, LED背光
- 投射式电容触摸屏, 支持多点触摸
- HDMI/DP(二选一),VGA信号输入
- Audio音频输入,支持2*3W功放喇叭
- 直流12V电源输入
- 全平面面板, IP65等级防护



产品概述

ALAD-211T-G是一款工业数字触摸显示器, 支持21.5寸的TFT LED液晶屏, 高分辨率1920*1080, USB和串口双信号,电容触摸屏。HDMI/DP(二选一), 是一款工业规格的多媒体显示器, 多种安装非常适合不同应用现场。

产品参数

Display Screen

Dimension	21.5" TFT LED
Resolution	1920*1080
Max. colors	16.7M
Max. Luminance	300
View angle	89°(left), 89°(right), 89°(up), 89°(down)
Backlight life	50000 hours

Touch Screen

Type	Projected capacitive touch screen
Light Transmission	90%
Controller	USB/RS232

I/O Port

OSD menu/ language	AUTO/Power/Menu/Source/UP (LEFT)/DOWN(RIGHT) Chinese, English, German, French, Russian, Italian, Spanish, Arabic and other optional languages
Display	1*VGA+1*HDMI/1*DP (choose one)
Audio	1*Line in, 2*3W power speaker
Touch interface	1*RS232 Touch, 1*USB Touch

Power

Power input	DC 10-30V
Power consumption	12V@1.6A (No power output)
Standby power consumption	Standby power consumption <1W

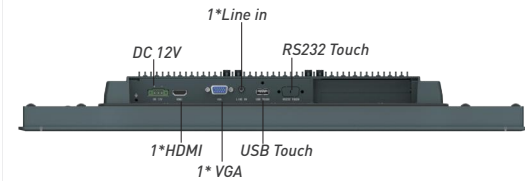
Mechanical

Structure	Aluminum alloy die-casting, flat panel, cooling fin case
Dimension (W*H*D)	546.9*344.7*64.1mm Panel mounting opening size (W*H): 537.5*335.3mm
Net weight	8.1kg
Installation	Panel mounting, VESA (100*100/75*75mm)

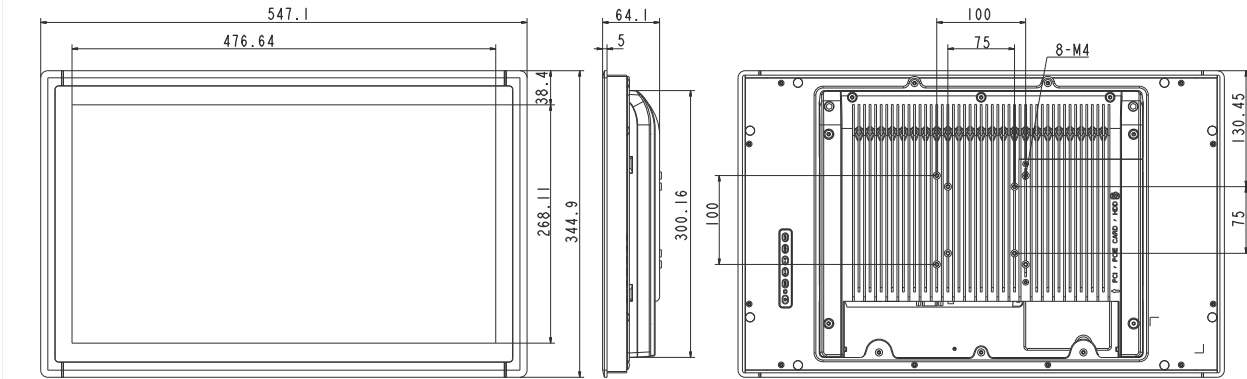
Environmental

Operating Temp	0~50°C, with air flow
Storage Temp	-20~60°C
Humidity	10~95%@40°C, No- condensation
Vibration	1g 5~500Hz
Shock	10g peak acceleration(duration 11ms)
Certificate	CE,FCC Class A

接口说明



产品尺寸



订购信息

型号	触摸屏	规格说明
ALAD-211T (P) /S001-G	Projected capacitive touch screen	21.5' TFT LCD, 1*HDMI (default) /1*DP(optional) , 1*VGA, 1*Line in, 2*3W power speaker, DC 10-30V power supply
PA-60DC12	AC/DC power adapter, DC12V/5A, 60W	