



Feature:

- ◇ Pure metal, fanless design
- ◇ Onboard Intel 12th Core I5/I7
- ◇ Support 6*COM, 8*Isolated GPIO
- ◇ Support 3*Intel Lan(LAN1~2: Gigabit Ethernet, LAN3:2.5G);
- ◇ Support 9~36V input (Reverse protection);
- ◇ IP65 protection at front panel
- ◇ Applied OS :



Specification

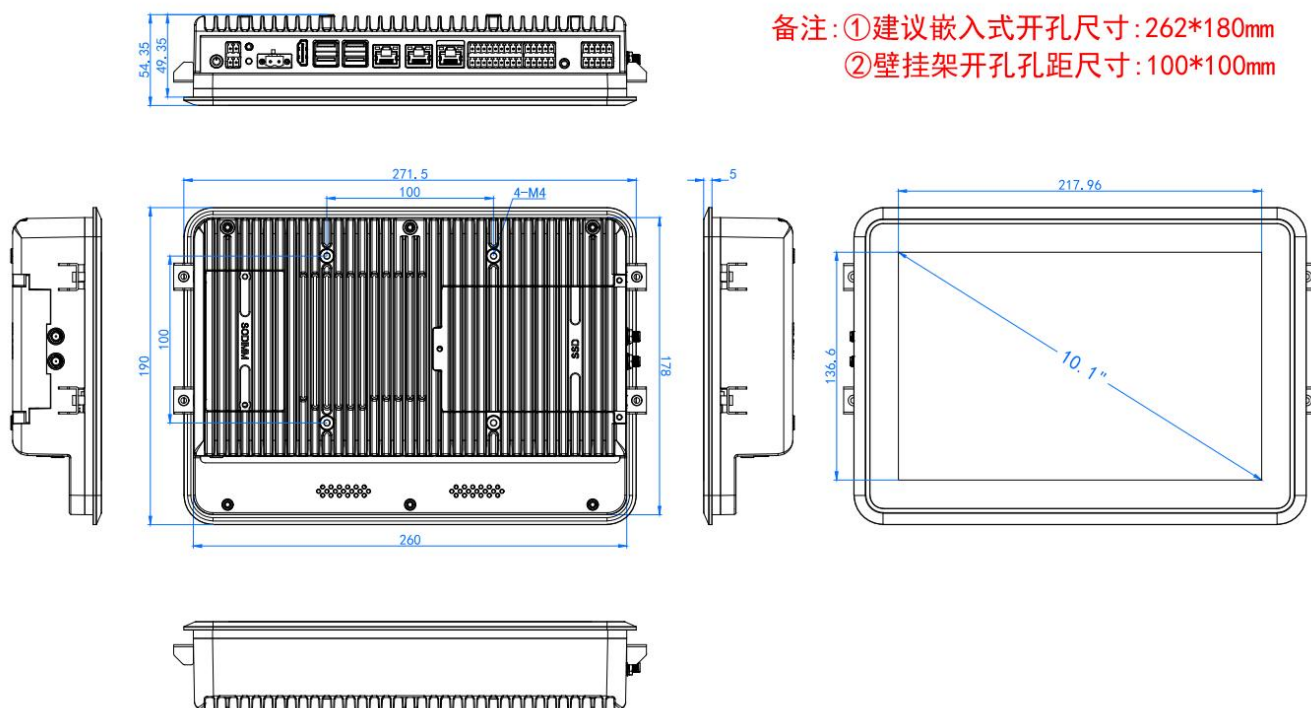
Model		A18	A19	A20	A24	A21	A22
Screen parameters	Size	10.1 inch	12.1 inch	15 inch	15.6 inch	17 inch	21.5 inch
	Ratio	16:10	4:3	4:3	16:9	5:4	16:9
	Resolution	1280*800	1024*768	1024*768	1920*1080	1280*1024	1920*1080
	Brightness	430cd/m²	450cd/m²	350cd/m²	400cd/m²	250cd/m²	250cd/m²
	Touch	Capacitive only	Resistive (Capacitive option)		Capacitive (resistive option)	Resistive (Capacitive option)	
Machine Size		271.5*190*54.35mm	309.5*248*60mm	366*290*60mm	400*249.3*63.1mm	408.5*346*61mm	540*332*60mm
Embedded size		262 * 180 mm	298.5 * 237 mm	355 * 279 mm	385 * 234.3 mm	389 * 321 mm	528 * 320 mm
weight		2.0KG	2.9KG	3.8KG	4.0KG	4.7KG	6.8KG
Temp		-20℃～+60℃			-10℃～+60℃	0℃～+50℃	
Humidity		5% ～ 95% Non-condensing					
Color		Gray					
Material		Aluminum & Steel					
Processor		Intel Core i5-1235U/i7-1255U					
Memory		1*DDR5 4800MHz SODIMM, up to 32GB					
BIOS		AMI BIOS					
Display Chip		Integrated Intel UHD Graphics					
Display port		1*HDMI, 1*JHDMI(optional), 1*LVDS(already connected LCD), Support 3 display					
Storage		2*M.2 2280(1*NVMe+SATA, 1*NVMe), 1*2.5 inch SSD/HDD					
Expansion		Support 1*Mini PCIE(Support WiFi/BT/4G, with SIM slot), 1*M.2 E-Key slot;					
I/O port		1* power button, 1*2*2pin PW phoenix connector, 1*CMOS, 1*2pin Power Supply					
		1*HDMI, 4*USB3.0, 2*1000M Lan, 1*2.5G Lan, 1* Audio					
		6*COM(Com3, Com4 can be RS232/RS485 option), GPIO(4 in and 4 out)					
Others		TPM2.0、electricity boot、on time boot、wake on lan、PXE、WDT (0～255 level)					
Expand function		USB2.0 x1, GPIO2, HDMI2; (standard product don't have it, need to be customized)					
Speaker		2*4Ω 2W speaker					
Input Voltage		DC 9～36V wide voltage input, support Reverse polarity protection					
Certifications		CE、CCC、FCC Class A、RoHS					
Application		Automation, Medical, Transportation, Warehouse, Machine Vision					

Order Information				
Config	CPU	I/O	Internal expansion	Note
Config 1	Intel Core i5-1235U	LAN*3/USB*4/COM □*6/ HDMI*1/SW1*1/DC-IN*1/Audio*1/ gpio*8/Custom port*10	1*DDR5/32G Max/1*M.2(nvme/sata)/ 1*m.2(pcieX4)/1*M. 2 E-Key (wifi/BT) / 1*SATA2.5 寸 HDD/1*mini_PCIEwifi/(3G/4G)	For more details, please contact our sales representatives.
Config 2	Intel Core i7-1255U	LAN*3/USB*4/COM □*6/ HDMI*1/SW1*1/DC-IN*1/Audio*1/ gpio*8/Custom port*10	1*DDR5/32G Max/1*M.2(nvme/sata)/ 1*m.2(pcieX4)/1*M. 2 E-Key (wifi/BT) / 1*SATA2.5 寸 HDD/1*mini_PCIEwifi/(3G/4G)	

Drawing

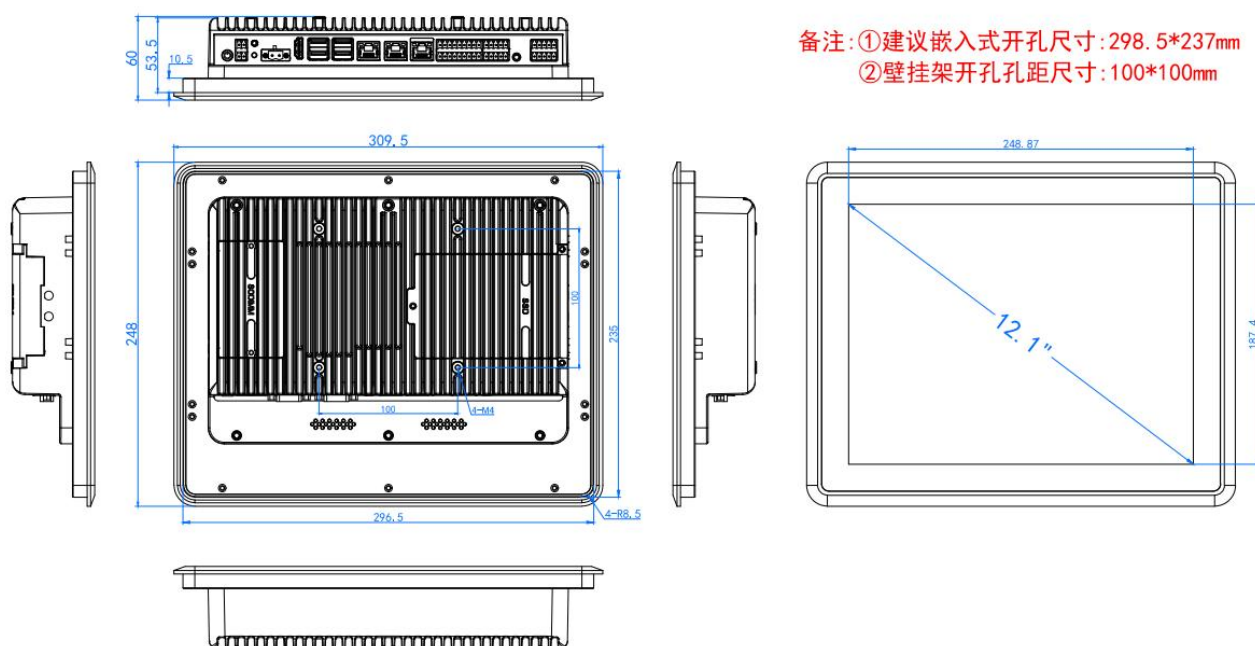
A18

备注: ①建议嵌入式开孔尺寸: 262*180mm
②壁挂架开孔孔距尺寸: 100*100mm

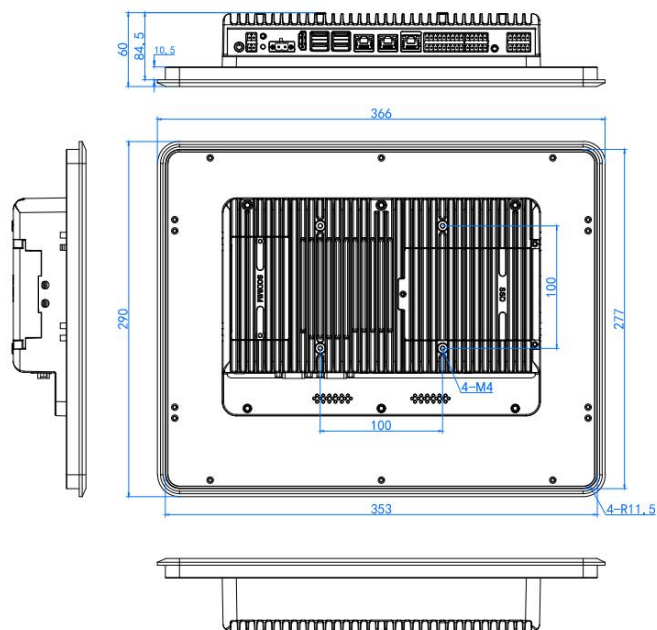


A19

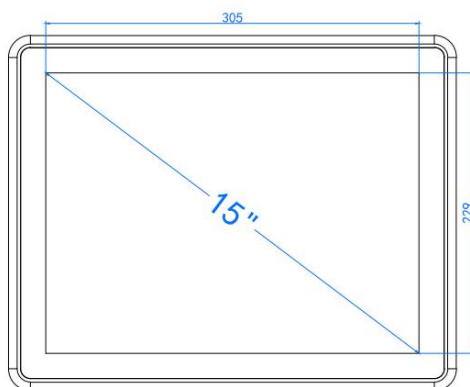
备注: ①建议嵌入式开孔尺寸: 298.5*237mm
②壁挂架开孔孔距尺寸: 100*100mm



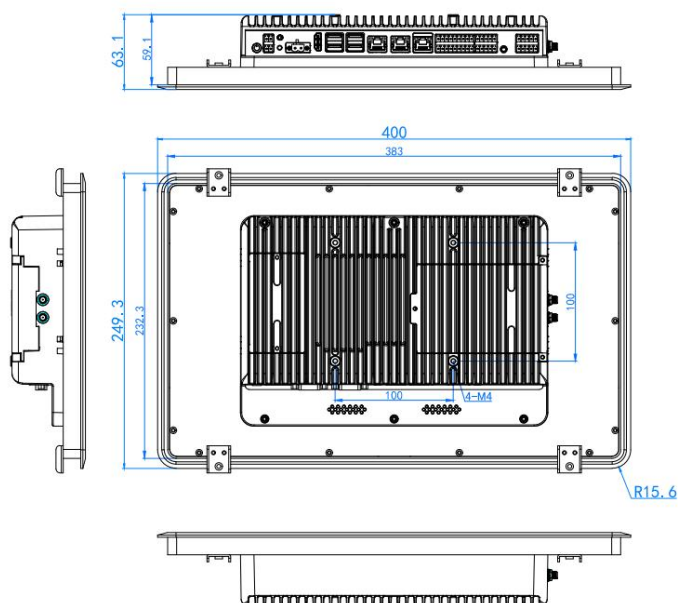
A20



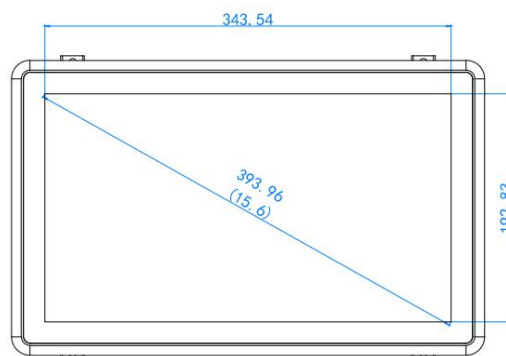
备注: ①建议嵌入式开孔尺寸: 355*279mm
②壁挂架开孔孔距尺寸: 100*100mm



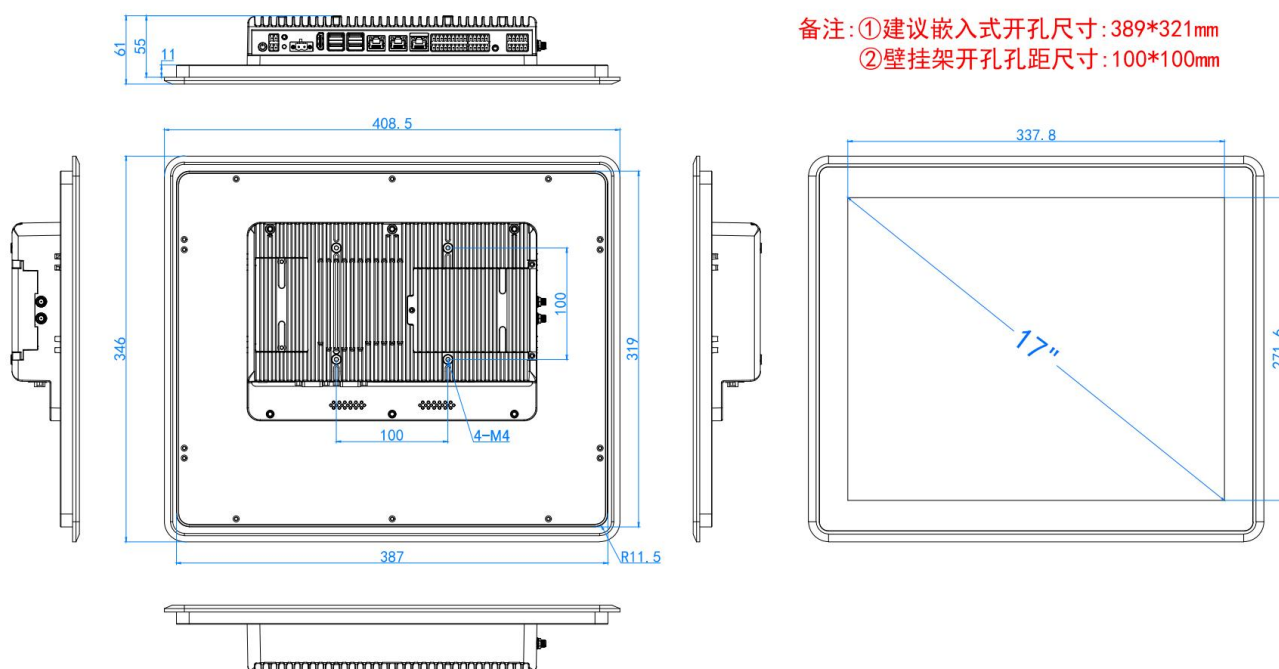
A24



备注: ①建议嵌入式开孔尺寸: 385*234.3mm
②壁挂架开孔孔距尺寸: 100*100mm

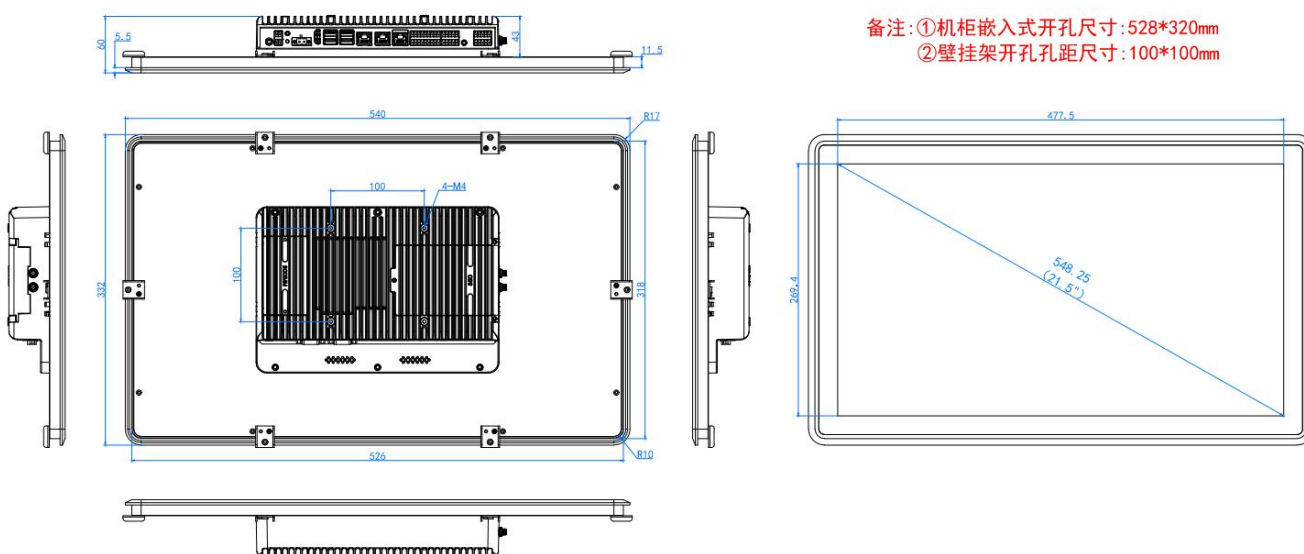


A21



备注: ①建议嵌入式开孔尺寸: 389*321mm
②壁挂架开孔孔距尺寸: 100*100mm

A22



备注: ①机柜嵌入式开孔尺寸: 528*320mm
②壁挂架开孔孔距尺寸: 100*100mm