

Panel PC AS56F-xxx

■ Features

- ◆ 10,4-23,8" multitouch capacitive screen
- ◆ Intel® Processor J6412, 12 gen. i3/i5/i7
- ◆ 1 x DDR4-3200MHz SO-DIMM slot, up to 32GB
- ◆ Fanless design, front panel IP65 compliant
- ◆ Supports panel mounted and VESA mounted
- ◆ Supports 12 ~24V DC power input




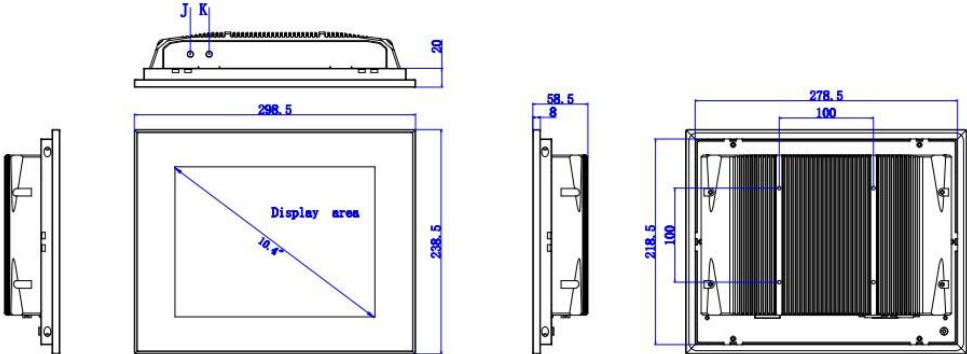

■ Specifications



Model Name		AS56F-104	AS56F-12**	AS56F-12	AS56F-15	AS56F-156**	AS56F-156
System	CPU	Intel® Processor Celeron J6412, Quad-core,base frequency 2.0GHz,TDP 10W Intel® Processor N-series N97, Quad-core,base frequency 2.0GHz,TDP 12W Intel® Processor Core™ i3-1215U/i5-1235U/i7-1255U					
	Memory	1 x DDR4-3200MHz SO-DIMM slot,up to 32GB					
	Storage	1 x M.2-2242 M Key SSD slot(SATA 3.0) (12th Gen CPU:1 xM.2-2280 M Key SSD slot(SATA 3.0)					
	USB	2 x USB3.0 /2 x USB2.0					
	COM	2 X RS-232 (COM1,RS-485 optional)					
	LAN	2 x GbE(RJ45),Realtek 8111H controller、 (N97&12th Gen:2 x GbE(RJ45),Intel i210-AT controller)					
	Rear I/O	2 x GLAN /4 x USB /2 x COM /DC IN /HDMI /DP (Only for non-clip cables!)					
	Expansion Slot	1 x Mini-PCIe slot, expandable 4G/WIFI					
LCD	LCD Size	10.4" TFT LCD	12.1" TFT LCD	12.1" TFT LCD	15" TFT LCD	15.6" TFT LCD	15.6" FHD TFT LCD
	Resolution	1024 x 768	1024 x 768	1280 x 800	1024 x 768	1366 x 768	1920 x 1080
	Luminance	450cd/m2	350cd/m2	400cd/m2	350cd/m2	400cd/m2	250cd/m2
	MTBF	50000hrs	30000hrs	50000hrs	50000hrs	50000hrs	30000hrs
	Contrast Ratio	1100: 1	800: 1	1000: 1	1000: 1	800: 1	800: 1
Touch screen	Type	Multipoint capacitive touch screen					
	Transmittance	≥ 87%					
	Controller Interface	USB 2.0					
OS	OS Support	Windows 10/11, Linux					
Power	Input voltage	DC 12~24V					
	Maximum Power	<60Watt					
Chassis	Structure	Ultra-compact and fanless design, front panel IP65 compliant					
	Dimensions (W x H x D)	298.5mm x 238.5mm x 58.5mm	321mm x 247mm x 58.5mm	328mm x 239mm x 58.5mm	371mm x 295mm x 58.5mm	405mm x 258mm x 58.5mm	405mm x 258mm x 58.5mm
	Cut Out Size(W x H)	282mm x 222mm	304mm x 230mm	311mm x 222mm	354mm x 278mm	388mm x 241mm	388mm x 241mm
	Net Weight	3.4kg	3.54kg	3.54kg	4.54kg	4.7kg	4.7kg
Environment	Work Temperature	0 ~ 50°C					
	Storage Temperature	-20 ~ 60°C					
	Relative Humidity	5~95% @40° (non-condensing)					
	Vibration	SSD applied:1.5Grms,IEC 60068-2-64,random,5~500Hz,1 hr/axis					
	Shock	SSD applied:10G,IEC 60068-2-27, Half sine wave, lasting 11ms					
	EMC	CE/FCC CLASS A					

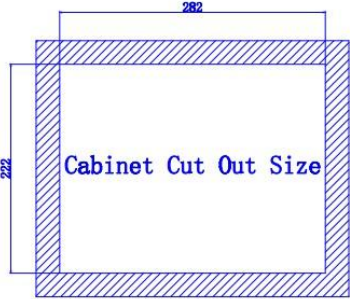
Model Name		AS56F-17	AS56F-185**	AS56F-185	AS56F-19	AS56F-215	AS56F-238
LCD	LCD Size	17" TFT LCD	18.5" TFT LCD	18.5" FHD TFT LCD	19" TFT LCD	21.5" FHD TFT LCD	23.8" FHD TFT LCD
	Resolution	1280 x 1024	1366 x 768	1920 x 1080	1280 x 1024	1920 x 1080	1920 x 1080
	Luminance	250cd/m2	250cd/m2	350cd/m2	250cd/m2	250cd/m2	250cd/m2
	MTBF	30000hrs	30000hrs	50000hrs	30000hrs	30000hrs	30000hrs
	Contrast Ratio	1000: 1	1000: 1	1200: 1	1000: 1	1000: 1	3000: 1
Touch screen	Type	Multipoint capacitive touch screen					
	Transmittance	≥ 87%					
	Controller Interface	USB 2.0					
OS	OS Support	Windows 10/11, Linux					
Power	Input voltage	DC 12~24V					
	Maximum Power	<60Watt					
Chassis	Structure	Ultra-compact and fanless design, front panel IP65 compliant					
	Dimensions (W x H x D)	428mm x 342mm x 58.5mm	480mm x 304mm x 58.5mm	480mm x 304mm x 58.5mm	460mm x 369mm x 58.5mm	550mm x 342mm x 58.5mm	602.8mm x 372.2mm x 58.2mm
	Cut Out Size(W x H)	411mm x 325mm	463mm x 287mm	463mm x 287mm	443mm x 352mm	533mm x 325mm	586mm x 355mm
	Net Weight	5.54kg	5.84kg	5.84kg	6.42kg	7.3kg	8kg
Environment	Work Temperature	0 ~ 50°C					
	Storage Temperature	-20 ~ 60°C					
	Relative Humidity	5~95% @40° (non-condensing)					
	Vibration	SSD applied:1.5Grms,IEC 60068-2-64,random,5~500Hz,1 hr/axis					
	Shock	SSD applied:10G,IEC 60068-2-27, Half sine wave, lasting 11ms					
	EMC	CE/FCC CLASS A					

AS56F-104 dimensions: Unit: mm

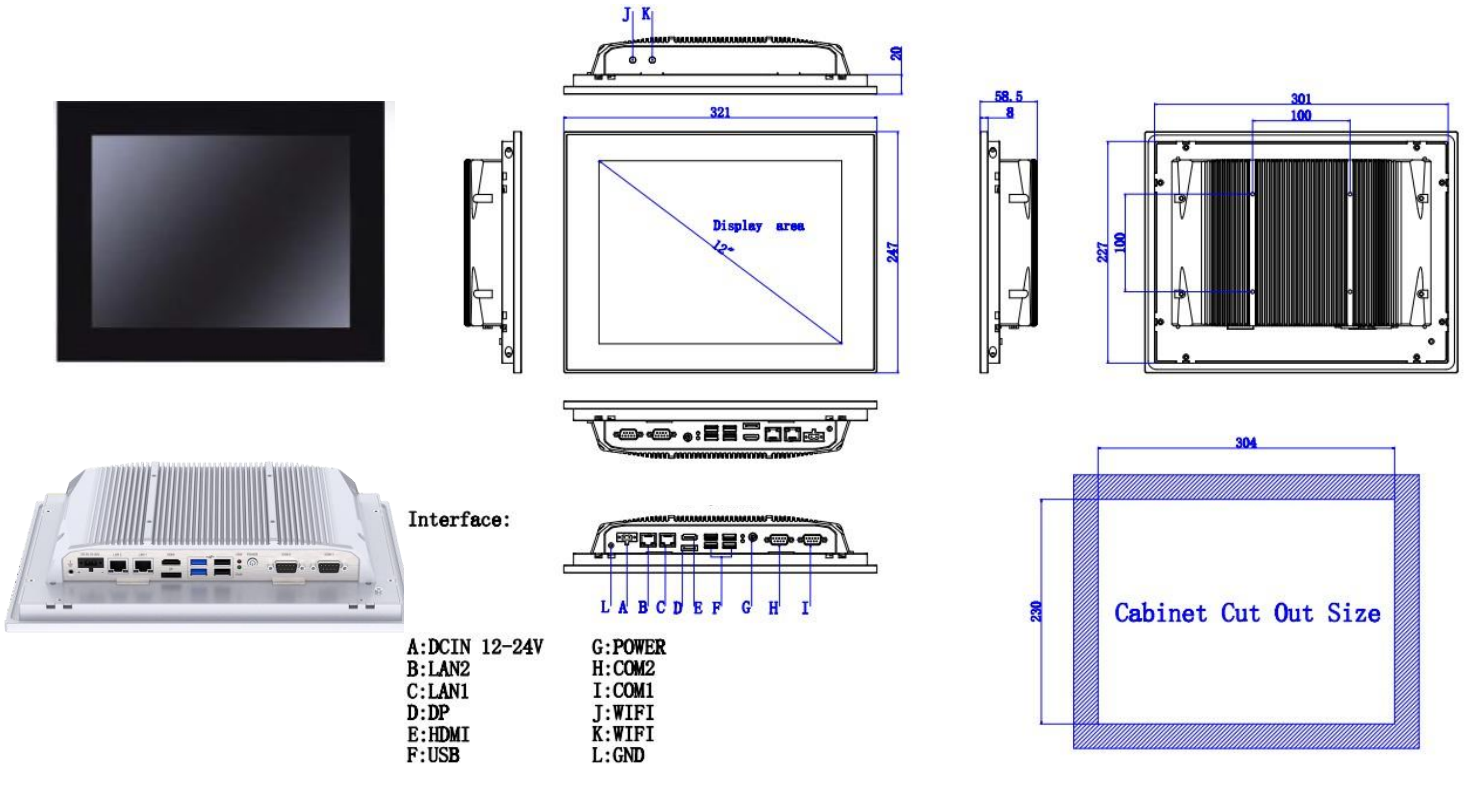




Interface:

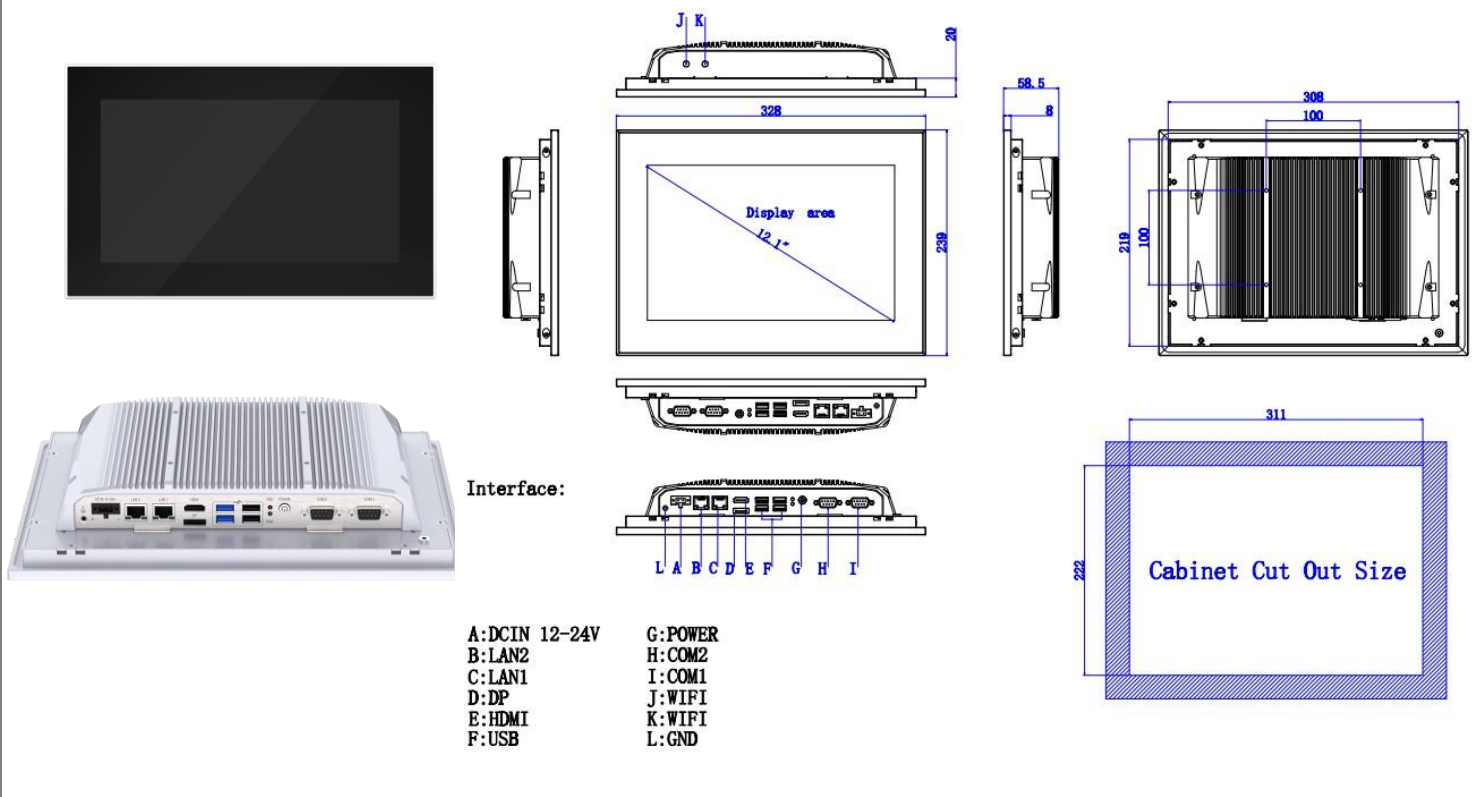
- A: DCIN 12-24V
- B: LAN2
- C: LAN1
- D: DP
- E: HDMI
- F: USB
- G: POWER
- H: COM2
- I: COM1
- J: WIFI
- K: WIFI
- L: GND



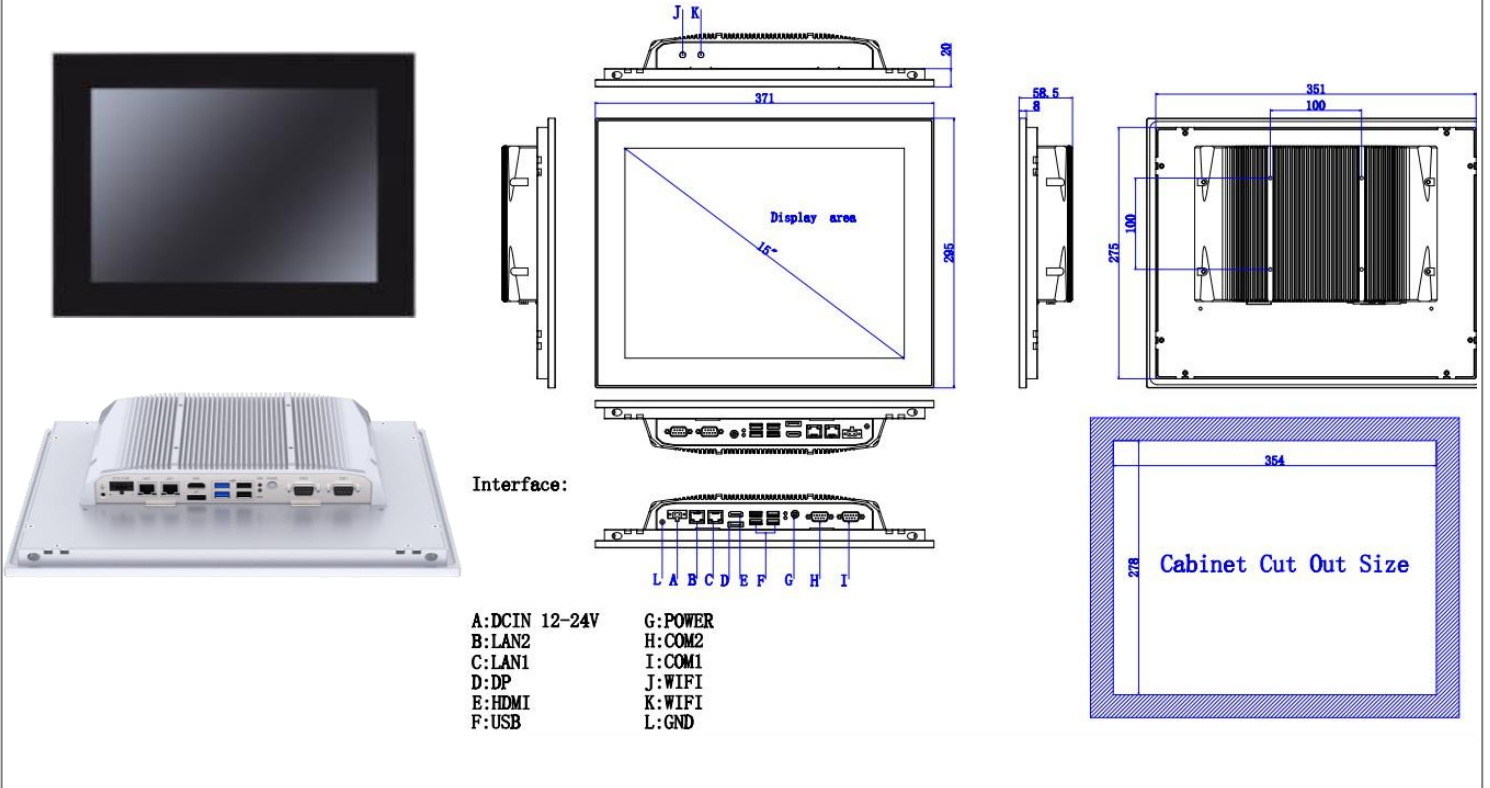
AS56F-12 dimensions: Unit: mm**



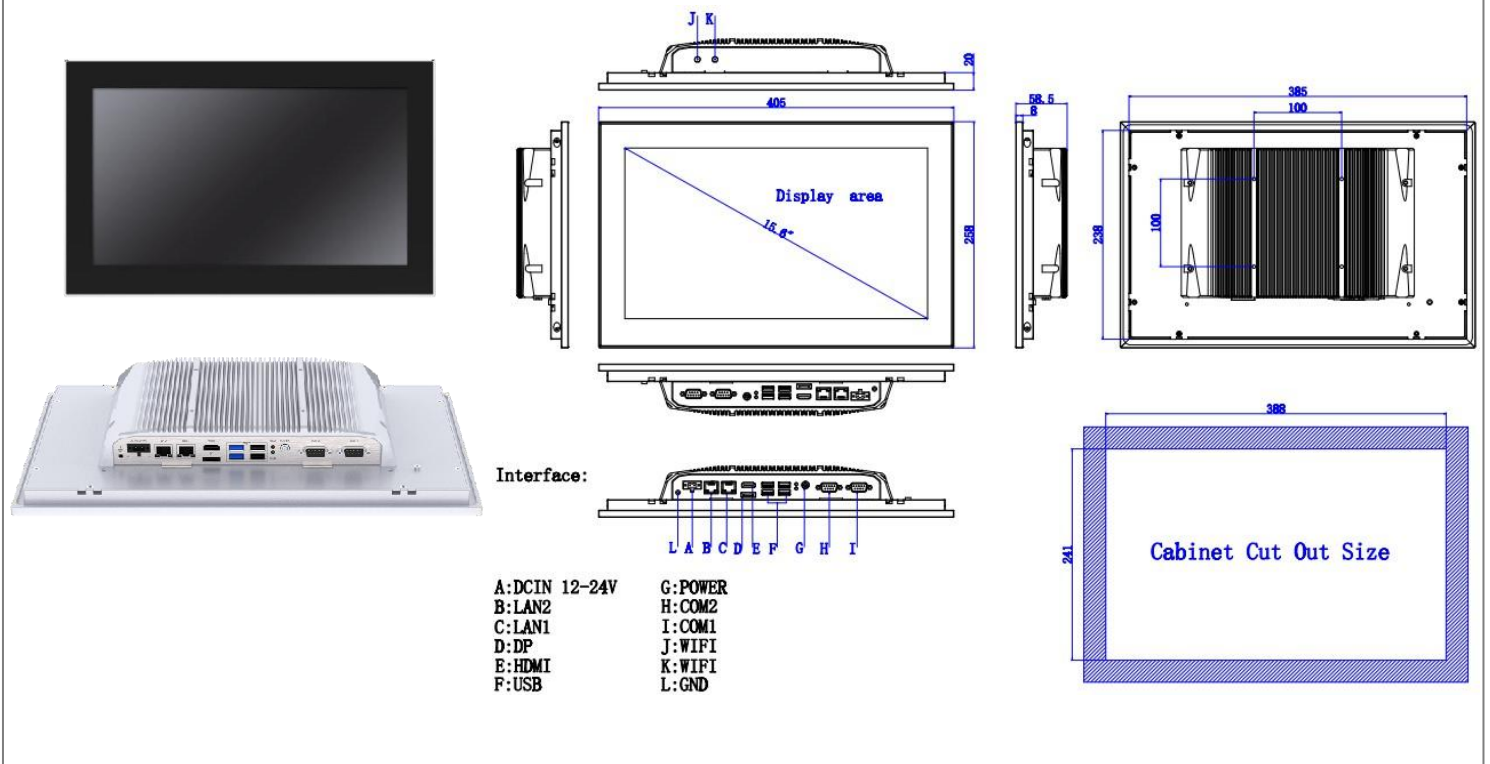
AS56F-12 dimensions: Unit: mm



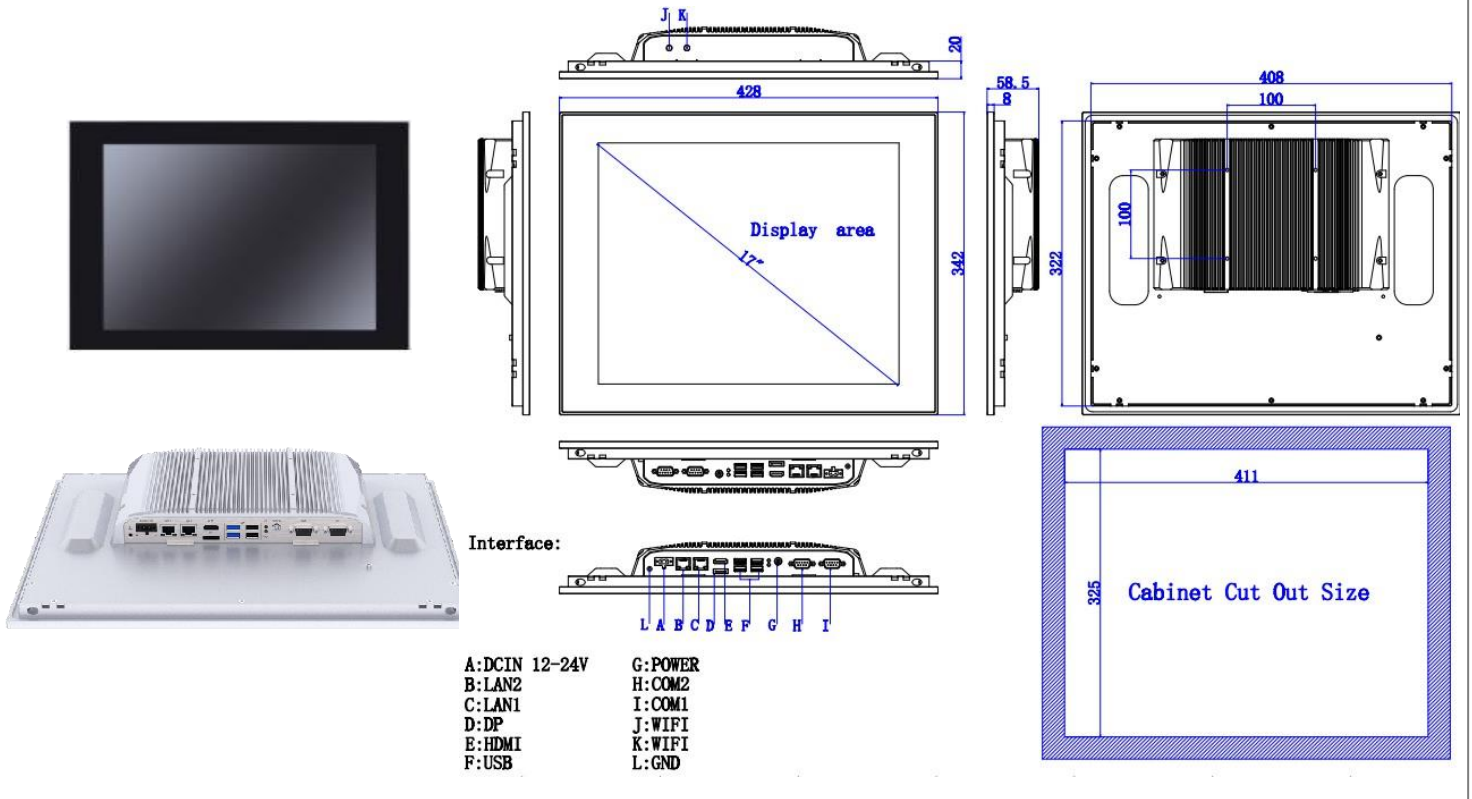
AS56F-15 dimensions: Unit: mm



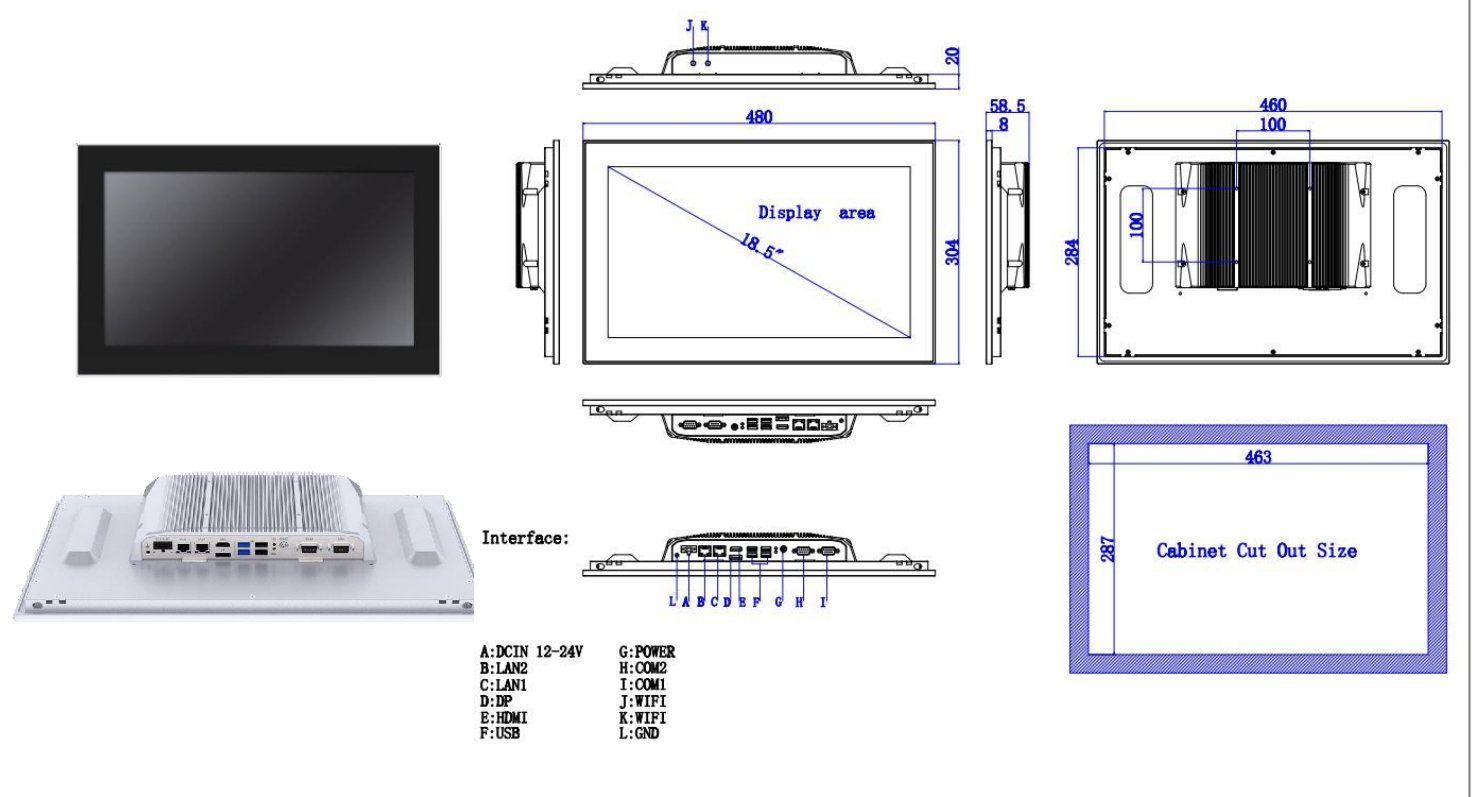
AS56F-156 dimensions: Unit: mm



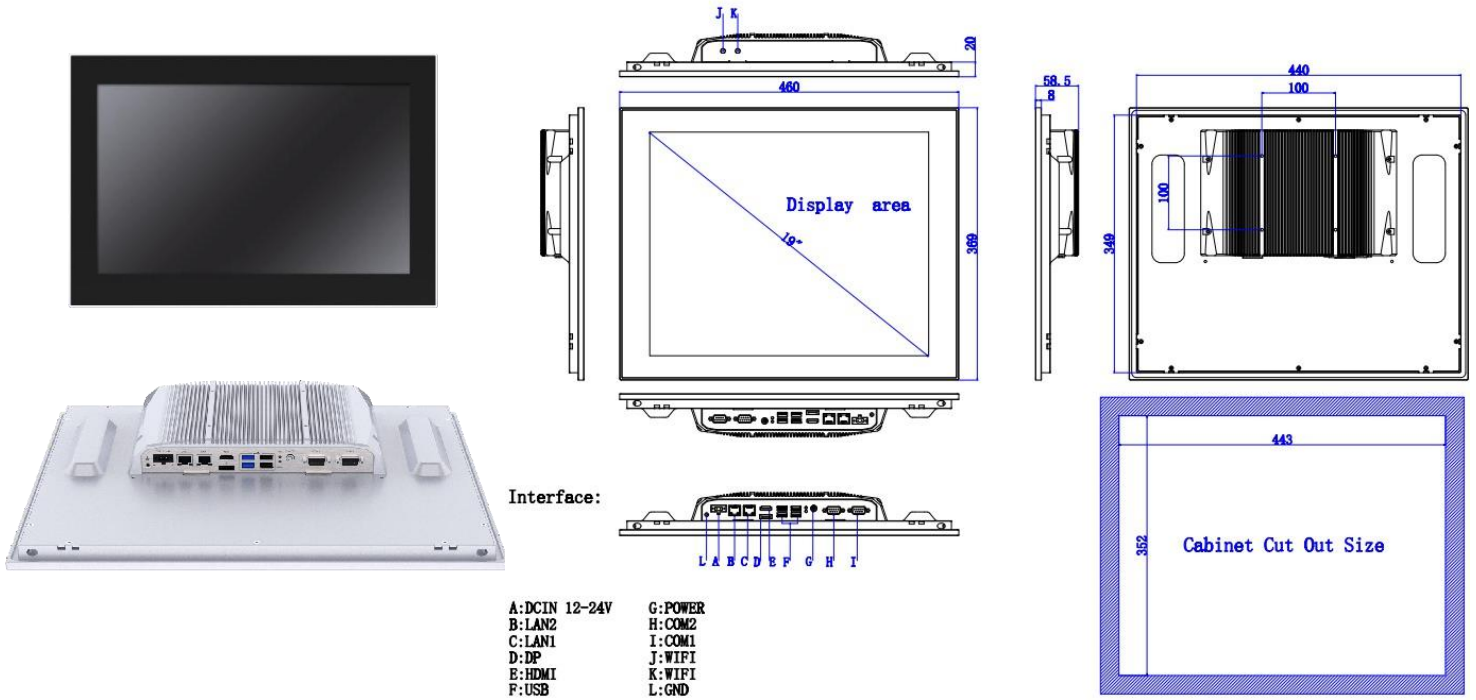
AS56F-17 dimensions: Unit: mm



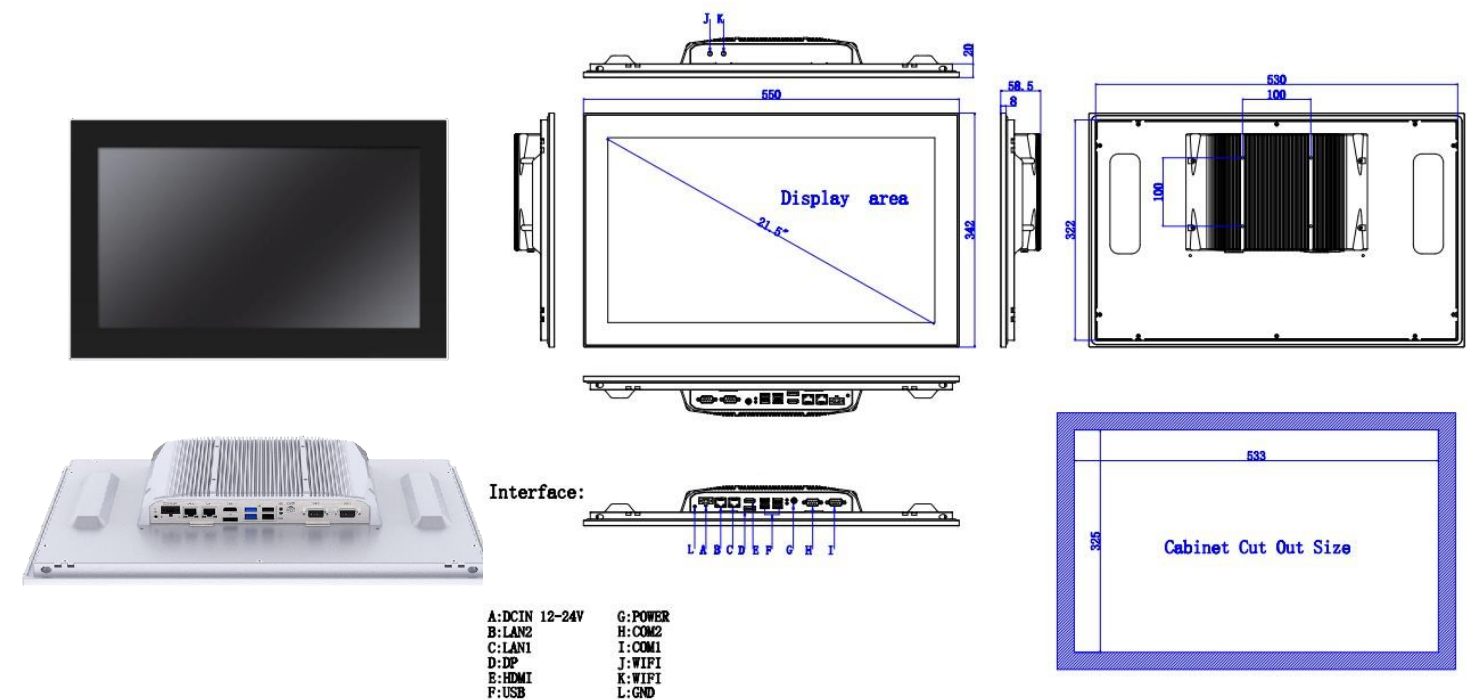
AS56F-185 dimensions: Unit: mm



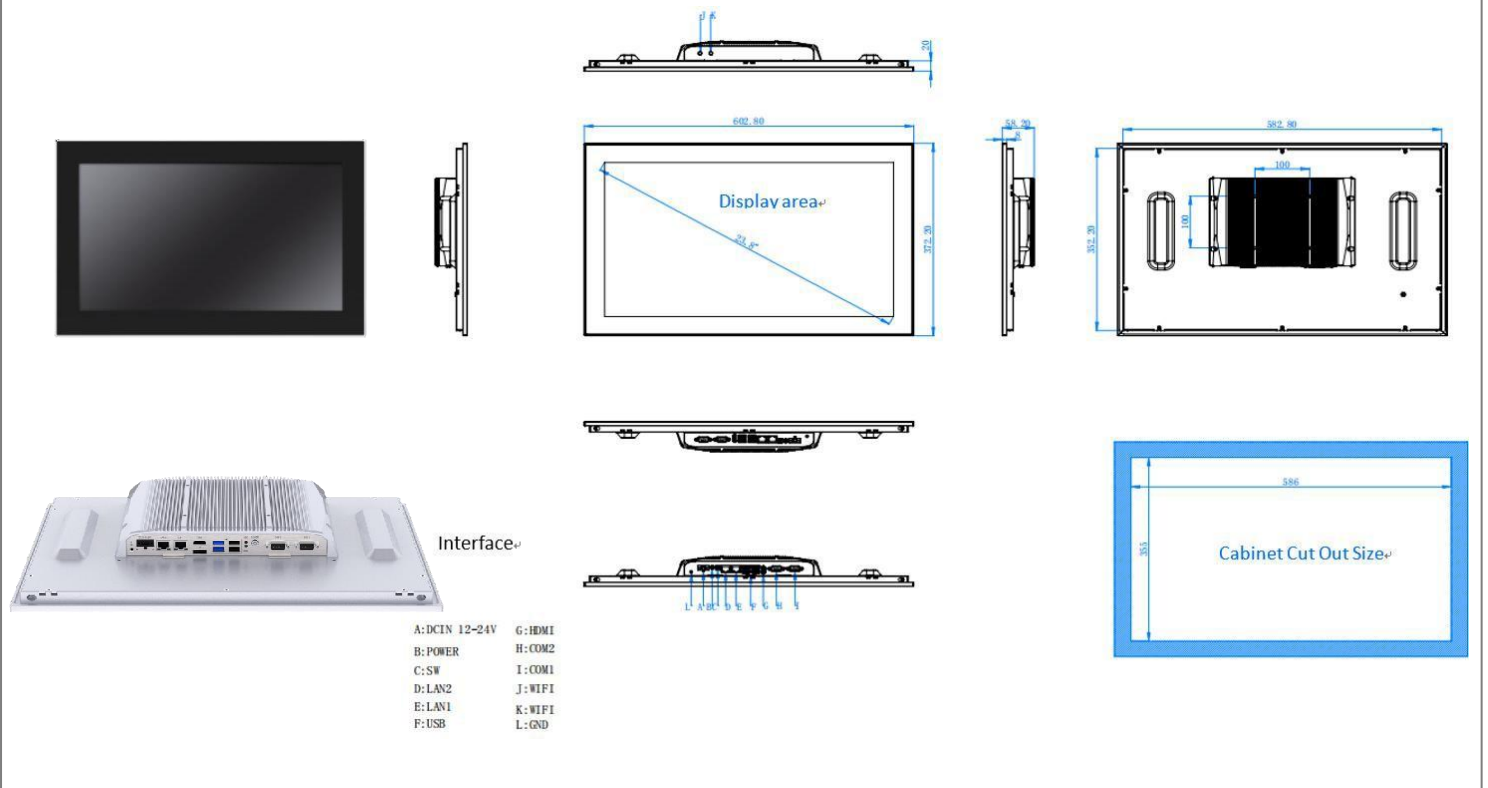
AS56F-19 dimensions: Unit: mm



AS56F-215 dimensions: Unit: mm



AS56F-238 dimensions: Unit: mm



Optional Items:

Option	Specifications
Expansion card	4G module (optional EC20,EC25,EG25..) MINI PCIE
DDR4 Memory	4G, 8GB, 16GB
M.2 2242 SATA SSD	128GB, 256GB ,512GB...

**** Products marked with this symbol are available by special order. Please contact our sales department.**