Senses 1200 Series



Features

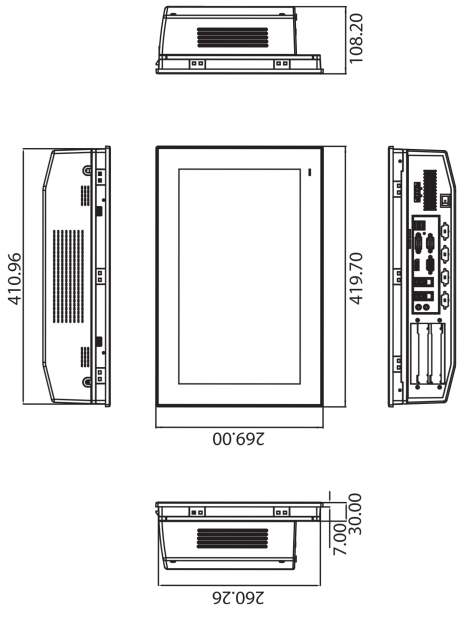
The Senses 1200 Industrial Panel PC's utilise the powerful Intel 12th Gen iCore processors with Q670E chipset. Screen size options are 15.6" or 21.5", both with projected capacitive touch and an IP66 rated front panel rating.

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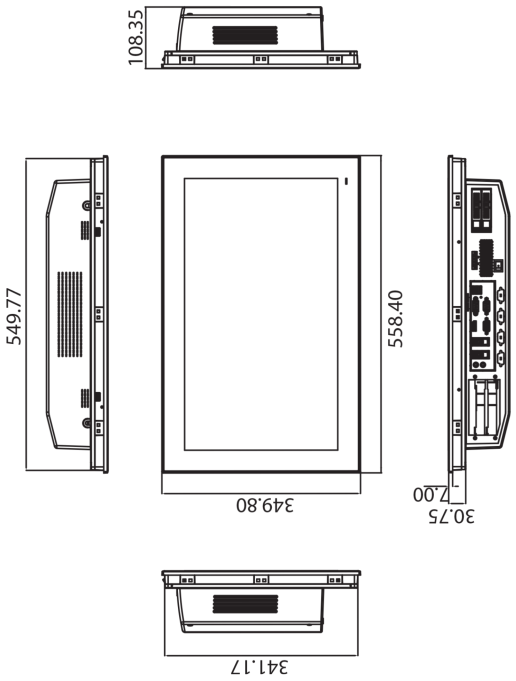
- Multi-touch projected capacitive
- IP66-rated front panel
- PCI or PCIe expansion slots
- Front-facing power status LED indicators

Each Industrial Panel PC comes with a 1 year warranty.

Dimensions



Panel Cutout Dimension: 413 x 262 mm (16.25 x 10.31 in)



Panel Cutout Dimension: 550.3 x 341.8 (21.66 x 13.45 in)

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Specifications

The information is believed to be accurate. However Amplicon Liveline Limited accepts no responsibility for any problems caused by errors and omissions. Specifications are subject to change without notice.

	1215-i5	1215-i7	1221-i5	1221-i7
Display				
LCD Size	15.6"		21.5"	
Resolution	1920 x 1080			
Brightness	500 cd/m2			
Contrast Ratio	1000			
Backlight	50,000 hr			
Touch screen	10-point multi-touch projected capacitive			
System				
SoC	Intel® 12th Gen Core™ (i5 / i7) processor (LGA1700) with Intel Q670E chipset			
Memory	2 x 262-pin SODIMM DDR5 , 4800 MHz , up to 64 GB (non-ECC)			
BIOS	Insyde SPI 128Mbit (supports UEFI boot only)			
Graphics	Intel Q670E chipset			
LVDS	Single/Dual Channel 24-bit			
LAN Chipset	Intel Q670E			
Audio	Line-Out, Mic-In			
Watchdog Timer	255 timer intervals, configurable using software			
Storage Device	1 x 2.5" SATA HDD bay /2 x 2.5" SATA HDD bay (optional)			
OS	Microsoft® Win 10 IOT LTSC(64-bit)/Win 11, Linux			
I/O Interface				
Serial Port	1 x RS232, 1 x RS-232/422/485, 3 x RS232 (Pin Header), 1 x GPIO (Pin Header)			
Display	1 x DP, 1 x HDMI			
USB	6 (USB 3.2 Gen 2			
Ethernet	2 x 1Gb Realtek 8119i			
Expansion	M.2 1 x slot (2280 M key) for storage(SATA & PCIe*4); 1 x slot (2230 E key) for wireless (PCIE & USB2.0) M.2 1 x slot(3042 & 3052 B key) 1 x slot PCIe x16 (Gen5)			
Mechanical				
Dimension (mmXWxDxH	419 x 269 x 108.2 mm (16.5" x 10.6" x 4.2")		558 x 349.8 x 108.2mm (21.9" x 13.7" x 4.26")	
Mounting	Stand, Wall, VESA, Panel			
Weight (Kg)	6.1Kg		8.4Kg	
Power				
Power Supply	24VDC ±20%, 12A PSU not included. Available separately or as an optional kit.			
Environmental				
OP /Storage Temp	Operation Temperature: 0 ~ 45 °C (32 ~ 113 °F)(65W CPU) Storage Temperature: -30 ~ 60 °C (-22 ~ 140 °F)		Operation Temperature: 0 ~ 45 °C (32 ~ 113 °F)(65W CPU) Storage Temperature: -20 ~ 60 °C (-4 ~ 140 °F)	
Vibration	Operating: Random vibration test 5 ~ 500 Hz, 1 Grms @ with SSD, IEC 60068-2-64			
Shock	Operating: 10 G peak acceleration (11 ms duration), IEC 60068-2-27 compliant			
IP Protection	IP66 compliant			
Certificate	CE, FCC, Class A,UKCA,VCCI			