

# Senses 5600 Series



## Features

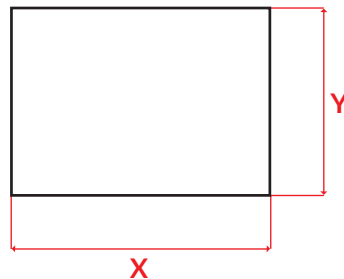
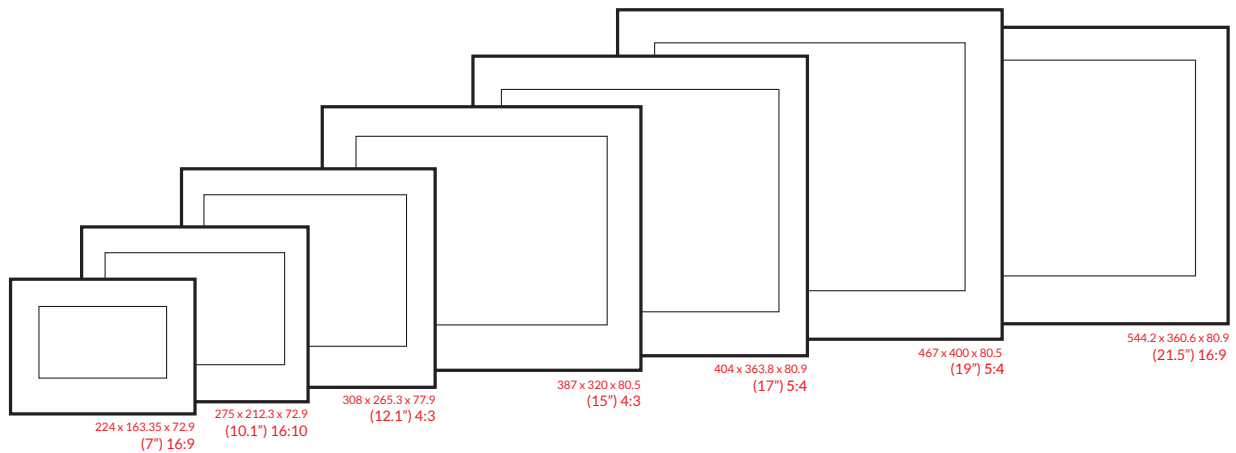
The Senses 5600 series is a modular industrial Panel PC Utilising the Intel Atom E3940 processor. Screen sizes between 7" and 21.5" and all with resistive touch and IP65 front panel rating.

Key features:-

- Resistive touch
- IP65 Front panel
- VESA/Wall/Panel mountable
- Optional WI-FI/Cellular

Each Industrial Panel PC comes with a 2 year warranty

## Dimensions



System	Suggested cutout size (mm)	
	X	Y
SENSES 5607	206mm	145.6mm
SENSES 5610	257mm	194.3mm
SENSES 5612	290mm	247.5mm
SENSES 5615	367mm	300mm
SENSES 5617	386mm	346mm
SENSES 5619	447mm	380mm
SENSES 5622	526.2mm	342.6mm

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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.

	5607	5610	5612	5615	5617	5619	5622
<b>Display</b>							
<b>LCD Size</b>	7"	10.1"	12.1"	15"	17"	19"	21.5"
<b>Resolution</b>	800 x 480	1280 x 800	1024 x 768	1024 x 768	1280 x 1024	1280 x 1024	1920 x 1080
<b>Ratio</b>	16:9	16:10	4:3	4:3	5:4	5:4	16:9
<b>Brightness</b>	500 cd/m2	350 cd/m2	500 cd/m2	300 cd/m2	350 cd/m2	350 cd/m2	300 cd/m2
<b>Backlight</b>	LED type						
<b>Touch Screen</b>	Resistive						
<b>System</b>							
<b>SoC</b>	Intel Atom® x5-E3940 Processor, Quad Core, 2M Cache, 1.6GHz (1.8GHz), 9.5W						
<b>Memory</b>	DDR3L 1866 SO-DIMM up to 8GB						
<b>BIOS</b>	Insyde SPI 128Mbit (supports UEFI boot only)						
<b>Graphics</b>	Intel® HD Graphics 500						
<b>LVDS</b>	Single/Dual Channel 24-bit						
<b>LAN Chipset</b>	Dual Intel® 1210IT Gigabit Ethernet (Support Jumbo Frame)						
<b>Audio</b>	1 x Line-out, 1 x Mic-in						
<b>Watchdog Timer</b>	Programmable 1 ~ 255 sec						
<b>Storage Device</b>	1 x 2.5" SATA 3.0 Drive Bay (accessible) 1 x mSATA (shared by Half-size Mini-PCIe Socket)						
<b>OS</b>	Windows 10 / Windows 10 IoT / Linux						
<b>I/O Interface</b>							
<b>Serial Port</b>	2 x RS-232/422/485						
<b>Display</b>	1x DP++, 1xVGA						
<b>USB</b>	FRONT: 1 x USB 2.0 REAR: 2 x USB 3.0, 2 x USB 2.0						
<b>Ethernet</b>	2 x Gigabit Ethernet						
<b>Others</b>	4 x SMA Antenna hole for Wi-Fi / Cellular Solution						
<b>Expansion</b>	1 x Full-size Mini PCIe (USB/PCIe) 1 x Half-size Mini PCIe (USB/PCIe/mSATA) 1 x SIM Slot						
<b>Mechanical</b>							
<b>Dimension(mm)(WxDxH)</b>	224 x 163.35 x 72.9	275 x 212.3 x 72.9	308 x 265.3 x 77.9	387 x 320 x 80.5	404 x 363.8 x 80.9	467 x 400 x 80.5	544.2 x 360.6 x 80.9
<b>Mounting (mm)</b>	206 x 145.6	257 x 194.3	290 x 247.5	367 x 300	386 x 346	447 x 380	526.2 x 342.6
<b>Weight (Kg)</b>	2.2kg	3kg Approx.	4kg Approx.	5.3kg	5.6kg	7.6kg	7kg

<b>Power</b>							
<b>Power Supply</b>	DC 9V ~48V input with 3-pin terminal block connector						
<b>Environmental</b>							
<b>Operating / Storage Temp</b>	-20 to 70°C -30 to 80°C	-20 to 70°C -30 to 80°C	-20 to 70°C -40 to 80°C	-20 to 70°C -30 to 70°C	0 to 50°C -20 to 60°C	-20 to 70°C -30 to 85°C	0 to 60°C -20 to 60°C
<b>Vibration</b>	Non-op: 1.5G, 10 ~ 300 Hz sine wave 10 min/cycle 3 cycles each X,Y, Z direction				Non-op : 1.5G , 10~200 Hz random, x, y, z each axis/30 min		
<b>Shock</b>	Non-op: 20G, 2ms half sine wave, 1 time for ± X, ± Y, ± Z Direction			Non-op: 50G, 11ms half sine wave, 1 time for ± X, ± Y, ± Z Direction		Non-op: 50G, 20ms half sine wave, 1 time for ± X, ± Y, ± Z Direction	
<b>IP Protection</b>	IP65 Front Panel Protection						
<b>Certificate</b>	UKCA/CE/FCC Class A						