

# HA27

## 27 INCH SMART MEDICAL ALL-IN-ONE



Dual System Design



3840 x 2160 @60Hz



10 Point PCAP touch



Trusted Platform Module

### Display

<b>Display Resolution</b>	UHD 3840 x 2160 @60 Hz (16:9)
<b>Color performance</b>	99% sRGB
<b>Brightness</b>	Eye Protecton: 300 nits, Standard: 350 nits, DICOM mode: 450 nits, Full-white (30 mins): 650 nits,
<b>Response Time</b>	<8ms
<b>Viewing Angle (H/V)</b>	178° /178°
<b>Contrast Ratio</b>	>1000:1
<b>Gamma Setting</b>	gamma 2.2, fit DICOM curve
<b>Panel</b>	TFT LCD
<b>Backlight</b>	Edge LED (WLED)

### System

<b>CPU</b>	Quad-Core Cortex A78 & Quad-Core Cortex A55
<b>GPU</b>	ARM Mail G57 MC5
<b>System Memory</b>	6 GB, Onboard
<b>Storage</b>	32 GB, Onboard eMMC
<b>Wireless Network</b>	Wi-Fi/BT, Onboard module
<b>Operating System</b>	Android 11
<b>Sound</b>	Front Firing, 5W x2, digital woofer, FR: 80~20KHz
<b>Mic Array</b>	8 array, 1m far-field, beam-forming, auto-gain, echo-canceling, noise-suppressing
<b>Camera</b>	8 Megapixel, 4K Camera supporting, auto framing, FOV(D) >90°
<b>Sensor(s)</b>	Ambient light
<b>FW Updates</b>	OTA upgrade
<b>Language Function</b>	English /Simplified Chinese / Traditional Chinese /Japanese

### Touch

<b>Detection Method</b>	PCAP touch
<b>Touch Point</b>	10 points (finger + active pen + palm rejection)
<b>Touch Response Time</b>	≤ 5 ms
<b>Min. Response Size</b>	Φ1mm
<b>Touch Resolution</b>	32768 x 32768
<b>Stylus</b>	Active pen (support MPP1.5, 4096 pressure point, high precision)
<b>Front Glass</b>	Tempered Glass direct bond, with Anti-bacterial, Anti-Smudge

### I/O

<b>USB</b>	1 x USB Type-C3.2 Gen1 (with 65W PD) 1 x USB3.2 Gen1, 1x USB2.0 (for service)
<b>HDMI-output</b>	1 x HDMI (Max. 3840 x 2160 @60 Hz)
<b>HDMI-input</b>	1 x HDMI-IN
<b>Touch Input</b>	1 x USB2.0 type-B
<b>Wireless Display Input</b>	Yes
<b>Audio</b>	1 x 3.5mm Mini Jack, Line-out
<b>Ethernet</b>	1 x RJ45
<b>Scanner</b>	1D/2D barcode reader sensor
<b>Button</b>	Buttons (Power, MIC Mute, OSD)
<b>Backpack PC</b>	Intel SDM-L slot

### Power

<b>Power Supply</b>	AC 100~240V 50/60 Hz
<b>Power Consumption</b>	73W (w/o SDM), 92 W (w/ SDM), <2 W (in standby)
<b>Ambient Light Sensor</b>	Yes

# Dimensions and Drawing



## Mechanical

<b>Dimensions</b>	623.2 mm x 481.2 mm x 320.6 mm (w/i stand) 623.2 mm x 407.6 mm x 58.7 mm (w/o stand)
<b>Dimension of Package</b>	874 mm x 479 mm x 170mm
<b>VESA Hole Pitch</b>	100 x 100 mm
<b>N.W</b>	8.75kg (w/i SDM module)
<b>G.W</b>	11.7 Kg
<b>Stand</b>	Angle adjustable, support 30° with desktop
<b>Certifications</b>	CCC /BSMI /EN60601-1 /EN60601-1-2

## Environmental

<b>Operating Temperature</b>	0°C ~40°C (32°F~113°F) up to 10,000 ft
<b>Storage Temperature</b>	-20°C ~70°C (-4°F~158°F) (Sea level)
<b>Operating Humidity</b>	10~80% RH (No Condensation)
<b>Storage Humidity</b>	10~90% RH

## SDM-L Extension

<b>CPU</b>	Intel® Core™ i3-1115G4/ i5-1135G7/i7-1165G7
<b>Memory</b>	Up to 32 GB, 2 x SO-DIMM DDR4
<b>Storage</b>	1 x M-Key M.2 (2242/2280) PCIe SSD
<b>GPU</b>	Intel® Iris® Xe graphics
<b>Display Interface</b>	1 x HDMI (Max.4096 x 2304 @60 Hz)
<b>Network Controller</b>	1 x i219LM Gigabit Ethernet
<b>Ethernet</b>	1 x RJ45
<b>Wireless Network</b>	1 x E-Key M.2 (2230) for Wi-Fi6 /BT
<b>TPM</b>	TPM2.0
<b>Operating System</b>	Windows 10/11 (64bit) / Linux Ubuntu (64bit)
<b>USB</b>	1 x USB Type-C3.2 Gen1, 2 x USB3.2 Gen2 (10 Gbps), 2 x USB2.0,
<b>Botton</b>	1 x Power on, 1 x CLR-CMOS

## Order information

<b>27H6-1135G7</b>	Model: 27H6 CPU: Intel Core i5-1135G7 RAM: 2*8 GB, SO-DIMM DDR4-3200 MHz ROM: 1*256 GB, NVMe PCIe4.0 SSD
<b>Packing List</b>	1 x QSG, 1 x Active Pen 1 x AC Power Adaptor, 1 x AC Power cord 1 x USB Type-C Cable (1m), 1 x USB Type-B Cable (1.5m), 1 x HDMI Cable (1.5m)
<b>Package</b>	Carton

