



## HID-2432

### 24" Multi-touch Medical Panel PC with DICOM Preset

- > 24" Display with PCAP Multi touch
- Onboard 6th Gen Intel Core i5-6300U
- 1x SO-DIMM up to 16GB DDR4 SDRAM support
- Anti-Microbial Finish
- 4x USB3.0, 1x RS-232/422/485, 1x RS-232
- 2x Intel® Gigabit LAN
- Isolation USBX2/ COMX2/ LANX2 / HDMI/ mini PCIe by IET module
- Preset DICOM Mode (DIN 6868-157)
- LED reading light bar
- IP-65 on Front Panel Protection
- Fanless system

**Spec**

<b>System</b>	
<b>Processor</b>	6th Gen Intel® Core™ i5-6300U, 2-Core, 2.4GHz processor
<b>System Chipset</b>	Integrated in Intel® Skylake ULT Processor
<b>System Memory</b>	One 204-pin SODIMM Socket Up to 16GB DDR4 2133 SDRAM
<b>TPM</b>	Infineon TPM 2.0
<b>Graphics Controller</b>	Intel® HD Graphics 520
<b>Expansion</b>	
<b>Expansion</b>	1 x mini PCIe full size (support half size) Auto switch for mSATA or Mini PCIe, USB 1 x mini PCIe full size (support half size) Auto switch for mSATA or Mini PCIe, USB (by IET module)
<b>Storage</b>	
<b>HDD/ SSD</b>	2.5" SSD
<b>Other Storage Device</b>	mSATA (optional)
<b>Panel</b>	
<b>LCD Size</b>	24"
<b>LCD Panel</b>	24" TFT-LCD
<b>Resolution</b>	1920 x 1200 WUXGA
<b>Pixel pitch</b>	270 x 270
<b>Luminance</b>	300 cd/m <sup>2</sup>
<b>Contrast ratio</b>	1000
<b>Viewing angle</b>	178/178 °
<b>Backlight</b>	LED
<b>Touch Type</b>	Projective Capacitive
<b>Touch Light Transmission</b>	89% AR Coating
<b>Touch Controller</b>	USB interface, EETI
<b>DICOM compliant</b>	DIN 6868157
<b>I/O</b>	
<b>USB</b>	4 x USB3.0, 4 x USB2.0 by pin header 2 x USB2.0 (Isolated 5KV), 1 x USB2.0 by pin header on IET module
<b>COM Port</b>	1 x RS-232/422/485, 1 x RS-232 1 x RS-232 (Isolated 5KV), 1x RS-232/422/485 (Isolated 5KV) on IET module
<b>HDMI</b>	HDMI Video out on IET module
<b>Reading light bar</b>	LED Type
<b>Display</b>	
<b>Chipset</b>	Intel® HD Graphics 520
<b>Resolution</b>	HDMI: 3840 x 2160 @ 24Hz (optional by IET module)
<b>Audio</b>	
<b>Chipset</b>	Realtek ALC892
<b>Audio Interface</b>	Audio out and Mic in
<b>Speaker Output</b>	2 x 0.5W
<b>Ethernet</b>	
<b>LAN Port</b>	1 x Intel® I219LM Gigabit Ethernet 1 x Intel® I211AT Gigabit Ethernet 2 x Intel® I210AT Gigabit Ethernet (Isolated 5KV) on IET module
<b>DC In/Out Characteristics</b>	
<b>Power Type</b>	AT/ATX
<b>Input Voltage Range</b>	100~240 Vac, 1.5~0.75A, 50~60Hz
<b>Output Voltage Range</b>	+24Vdc, 3.75A max. (90W)
<b>DC In / Out Connector</b>	
<b>Input Power Connector</b>	4 pin DC Jack
<b>Mechanical &amp; Environmental</b>	
<b>Dimensions(W x L x D)</b>	573.8mm x 387.8 mm x 62.5 mm
<b>Operating Temperature</b>	0 ~ 35° C (32 ~ 95° F)
<b>Storage Temperature</b>	-20 ~ 60° C (4 ~ 140° F)
<b>Weight</b>	10kg



<b>Construction</b>	Plastic
<b>Surface</b>	Anti-Microbial Finishing
<b>IP Rating</b>	Front Panel IP65 Whole Unit IPX1
<b>Vibration Test</b>	With SSD/mSATA: 1.5Grms, IEC 60068-2-64, Radom, 5-500Hz, 30min/axis
<b>Shock Test</b>	With SSD/mSATA: 10Grms, IEC 60068-2-27, Half sine, 11ms
<b>Relative Humidity</b>	0%-90% Relative Humidity, Non-condensing
<b>Certifications</b>	
<b>Certification Information</b>	DIN 6868157 CE, FCC Class B UL60601-1 4th edition
<b>Software Support</b>	
<b>OS Information</b>	Win 7/8/10/ Linux
<b>Power Requirement</b>	
<b>Adapter</b>	AC/DC medical power adapter 100~240 Vac, 1.5~0.75A, 50~60Hz Input Voltage +24Vdc, 3.75A max. (90W) Output Voltage
<b>Data Collection</b>	
<b>Camera</b>	2.0M CMOS (Optional)
<b>NFC</b>	USB interface supports ISO 14443-A (Optional)
<b>Wireless Communication</b>	
<b>WLAN</b>	Mini PCIe interface IEEE 802.11 a/b/g/n/ac draft 2.0 1T1R
<b>Bluetooth</b>	BT4.0+BLE

**+ Ordering**

HID-2432-630-A1R  
 24"/PCAP/DICOM/8GBmemory/128GB SSD/CAM/2COM/2LAN/4USB/HDMI/Line out/Mic in/Isolation  
 Isolation: 2COM (RJ45 type)/2USB/2LAN  
 WIFI/BT/24V 90W Medical power adapter

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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