



HID-2232

21.5" Multi-touch Medical Panel PC with DICOM Preset

- 21.5" 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

System Information	
Processor	6th Gen Intel® Core™ i5-6300U, 2-Core, 2.4GHz processor
Platform Controller Hub	Integrated in Intel® Skylake ULT Processor
System Memory	One 260-pin DDR4 SODIMM Socket Up to 16GB
TPM	Infineon TPM 2.0
Graphics Controller	Intel® HD Graphics 520
Expansion	
Expansion	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)
Storage	
HDD/ SSD	2.5" SSD
Other Storage Device	mSATA (optional)
Panel	
LCD Size	21.5"
LCD Panel	21.5" TFT-LCD
Display Type	TFT-LCD
Resolution	1920 x 1080
Pixel pitch	248.25 x 248.25
Luminance	250cd/m2
Contrast ratio	3000
Viewing angle	178/178 °
Backlight	LED
Touch Type	Projective Capacitive
Touch Light Transmission	100% AG Coating
Touch Controller	USB interface, EETI
DICOM compliant	DIN 6868157
I/O	
USB Port	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
COM Port	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
HDMI	HDMI Video out on IET module
Reading light bar	LED Type
Data Collection	
Camera	2.0M CMOS (Optional)
NFC	USB interface supports ISO 14443-A (Optional)
DC In / Out Connector	
Input Power Connector	4 pin DC Jack
DC In/Out Characteristics	
Power Type	AT/ATX
Input Voltage Range	100~240 Vac, 1.5~0.75A, 50~60Hz
Output Voltage Range	+24Vdc, 3.75A max. (90W)
Display	
Graphic Chipset	Intel® HD Graphics 520
Spec. & Resolution	HDMI: 3840 x 2160 @ 24Hz (optional by IET module)
Audio	
Audio Codec	Realtek ALC888S
Audio Interface	Audio out and Mic in
Speaker Output	2 x 0.5W
Certifications	
Certification Information	DIN 6868157 CE, FCC Class B UL60601-1 4th edition
Ethernet	



LAN Port	1 x Intel® I219LM Gigabit Ethernet 1 x Intel® I211AT Gigabit Ethernet 2 x Intel® I210AT Gigabit Ethernet (Isolated 5KV) on IET module
Power Requirement	
Adapter	AC/ DC medical power adapter 100~240 Vac, 1.5~0.75A, 50~60Hz Input Voltage +24Vdc, 3.75A max. (90W) Output Voltage
Mechanical & Environmental	
Operating Temperature	0 ~ 35° C (32 ~ 95° F)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Weight	5.5kg
Vibration Test	With SSD/mSATA: 1.5Grms, IEC 60068-2-64, Radom, 5~500Hz, 30min/axis
Shock Test	With SSD/mSATA: 10Grms, IEC 60068-2-27, Half sine, 11ms
IP Rating	Front Panel IP65 Whole Unit IPX1
Dimensions(W x L x D)	521.0 mm x 326.0 mm x 56.5 mm
Surface	Anti-Microbial Finishing
Relative Humidity	0%~90% Relative Humidity, Non-condensing
Construction	Plastic
Software Support	
OS Information	Win 7/8/10/ Linux
Ordering Information	
Ordering Information	HID-2232-630-A2R 21.5"/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