



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

System	
Processor	6th Gen Intel® Core™ i5-6300U, 2-Core, 2.4GHz processor
System Chipset	Integrated in Intel® Skylake ULT Processor
System Memory	One 204-pin SODIMM Socket Up to 16GB DDR4 2133 SDRAM
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	24"
LCD Panel	24" TFT-LCD
Resolution	1920 x 1200 WUXGA
Pixel pitch	270 x 270
Luminance	300 cd/m²
Contrast ratio	1000
Viewing angle	178/178 °
Backlight	LED
Touch Type	Projective Capacitive
Touch Light Transmission	89% AR Coating
Touch Controller	USB interface, EETI
DICOM compliant	DIN 6868157
I/O	
USB	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
Display	
Chipset	Intel® HD Graphics 520
Resolution	HDMI: 3840 x 2160 @ 24Hz (optional by IET module)
Audio	
Chipset	Realtek ALC892
Audio Interface	Audio out and Mic in
Speaker Output	2 x 0.5W
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
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)
DC In / Out Connector	
Input Power Connector	4 pin DC Jack
Mechanical & Environmental	
Dimensions(W x L x D)	573.8mm x 387.8 mm x 62.5 mm
Operating Temperature	0 ~ 35° C (32 ~ 95° F)
Storage Temperature	-20 ~ 60° C (4 ~ 140° F)
Weight	10kg



Construction	Plastic
Surface	Anti-Microbial Finishing
IP Rating	Front Panel IP65 Whole Unit IPX1
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
Relative Humidity	0%~90% Relative Humidity, Non-condensing
Certifications	
Certification Information	DIN 6868157 CE, FCC Class B UL60601-1 4th edition
Software Support	
OS Information	Win 7/8/10/ Linux
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
Data Collection	
Camera	2.0M CMOS (Optional)
NFC	USB interface supports ISO 14443-A (Optional)
Wireless Communication	
WLAN	Mini PCIe interface IEEE 802.11 a/b/g/n/ac draft 2.0 1T1R
Bluetooth	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

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