

Medical Panel PC



23.8" Multi-touch Medical Panel PC

- > Intel Skylake-U Core i5 Processor
- > 23.8" Full HD 1920 x 1080 display
- > 10 point PCAP Multi-touch support
- > Wide Viewing Angle
- > LED reading light bar
- > Isolated USB x 2/ COM x 2/ LAN x 2 Ports
- > Optional RFID/ NFC/Wifi/ BT module
- > Fanless Operation Design
- > Front IP-65 Whole Unit IPX1
- > Anti-Microbial Finish

+ Spec	
System	
Processor	6th Gen Intel® Core™ i5-6300U, 2-Core, 2.4GHz processor
System Chipset	Integrated in Intel® Skylake ULT Processor
System Memory	Default 8GB Up to 16GB DDR4 2133 SDRAM
TPM	Infineon TPM 2.0
Graphics Controller	Intel® HD Graphics 520
Expansion	
Expansion	1 x Full Size (support half size, Auto switch for mSATA, USB, PCIe signal) 1 x Full Size Mini PCIe slot support PCIe and USB signal on IET module
Storage	
HDD/ SSD	1 x 2.5" SATA3 128GB SSD
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 Vedio out on IET module
Reading light bar	LED Type
Audio	
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
Mechanical & Environmental	
Dimensions(W x L x D)	587.0 mm (W) x 367.5 mm (H) x 59.0 mm (D)
Operating Temp	0 ~ 35° C (32 ~ 95° F)
Storage Temp	-20 ~ 60° C (4 ~ 140° F)
Weight	7 kg
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	EN60601-1, CE&FCC Class B Certified
Software Support	
OS Information	Windows 7, 8, 8.1, 10, Linux
Power Requirement	
Battery	1100mAh 4S1P (Optional)
Battery Operating Time	max. 20 mins backup operation
Adapter	AC/ DC medical power adapter (Delta MDS-090AAS24 B)
Panel	
LCD Size	23.8"
LCD Panel	23.8" Wide Color TFT LCD (16:9) AUO M238HVN01.0 or equivalent
Resolution	1920 x 1080 Full HD
Pixel pitch	274.5 x 274.5
Luminance	250cd/m2 (typical)
Contrast ratio	3000:1
Viewing angle	178/178 °
Touch Type	Projective Capacitive 10-points
Touch Controller	USB interface, EETI EXC 3000

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Durability	Over 50 Million Touches
AG Protection Glass	100% AG Coating
LCD MTBF	30.000 hours
Front touch OSD keypad	8 keys - power on/off, brightness up/down, reading light on/off, volume up/down, touch on/off and backlight on/off
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
DC In/Out Characteristics	
Input Voltage Range	100~240 Vac, 1.5~0.75A, 50~60Hz
Output Voltage Range	+24Vdc, 3.75A max. (90W)

+ Ordering

G2AIO1231AMC1080
23.8" Glass w/o Touch 16:9 1920 x 1080/i5-6300U/ 8GBmemory/128GB SSD
2COM/ 2LAN/4USB3.0/ HDMI/ Line out/ Mic in
Isolation: 2COM (RJ45 type)/ 2USB1.1/2LAN
2.0CAM/NFC/RFID/WIFI/BT/LED reading light/24V 90W Medical power adapter
No: Smart Battery Pack, OS

G2AIO1231AMC2080
23.8" PCAP 16:9 1920 x 1080/i5-6300U/ 8GBmemory/128GB SSD
2COM/ 2LAN/4USB3.0/HDMI/ Line out/ Mic in
Isolation: 2COM (RJ45 type)/ 2USB1.1/2LAN
2.0CAM/NFC/RFID/WIFI/BT/LED reading light/24V 90W Medical power adapter
No: Smart Battery Pack, OS