

TM-5010-19

19" Medical Grade Computer



Key Highlights

- 19" Projected Capacitive Full Flat Touch Screen
- Intel Skylake Core i3/i5/i7 CPU
- 60601-1 4th Ed Certified & Anti-Bacterial Housing
- Supports Intel vPro Hardware Security
- Optional 4KV LAN/COM/USB Isolated I/Os
- Optional Built-in Battery Pack

[VIEW ONLINE](#)

The TM-5010-19 medical panel PC is durable and reliable with full safety and medical certifications for a wide variety of applications. The high brightness LCD, anti-bacteria housing and easy-wipe surfaces make it the perfect choice for medical imaging or information systems located near patients. With a high performance Intel 6th generation Core i3/i5/i7 CPU, the TM-5010-19 medical panel PC can keep up with demanding medical software applications. This PC has integrated multimedia functions and extensive options including WLAN/Bluetooth module with inner antenna, battery pack, 3.2M pixel camera, desktop stand and RFID reader.

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Technical Specifications

Primary Components

Processor Family	Intel Core I series 6th Generation Skylake
Processor Model	Core i5-6200
Processor Speed	2.3 GHz
Memory Type	2x DDR4 SO-DIMM
Memory Support	4GB, 8GB, 16GB, 32GB
Storage Type	1x 2.5" SATA Drive Bay for SSD/HDD
Storage Support	32GB-1TB

External I/O Ports

USB	4x USB 3.0
Serial / Com	2x COM
Serial Protocol Detail	1x RS-232, 1x RS-232/422/485 (RS485 supports auto flow control, Jumperless configuration in BIOS)
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	2x DisplayPort
Other Ports	4KV Isolation Option is 2x ISO COM, 1x ISO LAN, 1x ISO USB 2.0
Audio Ports	1x 3.5mm Microphone Jack, 1x Audio Line-Out

Expansion Slots

Internal M.2	1x M.2 Type E
Video Card Support	Intel Integrated HD Graphics 520

Thermal & Environmental

Operating Temperature	0°C - 35°C (32°F - 95°F)
Storage Temperature	-20°C - 60°C (-4°F - 140°F)
Cooling Solution	Passive - Fanless
Humidity Range	10% - 90% Non-condensing
Storage Humidity	10% - 90% Non-condensing

Peripherals & Wireless Connectivity

WiFi	Optional 802.11 a/b/g/n/AC WLAN module + Optional Bluetooth
RFID	Optional RFID reader (13.56Hz) (5V USB)

Weight / Dimensions

Weight	7.5 kg (16.5 lbs)
Dimensions	450 x 420 x 85.3 mm (17.7 x 16.5 x 3.4 in)

Warranty

Warranty	Up to 5 Years
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Specifications subject to change.

Display

Screen Size	19
Screen Resolution	1280 x 1024 (SXGA)
Screen Ratio	5:4
Brightness	350 nits

Touch Screen

Touch Screen	Projected Capacitive (Multi-touch)
Hardness	7H

Power

Max Power Consumption	88W
Standard Power Adapter	AC 90V-264V / 47-63 Hz

Battery

Battery Type	Optional Internal Battery
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Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 7 Pro
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Compatibility

Security Hardware	TPM v2.0 (Windows 10 Only)
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Multimedia

Speakers	2x 2W Speakers
Camera	Optional 3MP Webcam

Enclosure

Material	Plastic
IP Rating	IP65 Front Bezel
Color	White
Led Indicator Light	Battery, HDD Access, Power
Control Buttons	Audio Down, Audio Up, Brightness Down, Brightness Up, Clean me, Display on/off, Power Button
Shock Rating	Operating: 11 ms, half sine wave
Drop Rating	3ft Drop Protection
Mounting Options	Desktop Stand, VESA Mount, Wall Mount

Certification

Certifications	60601-1 4th Edition, CE, FCC Class B, VCCI
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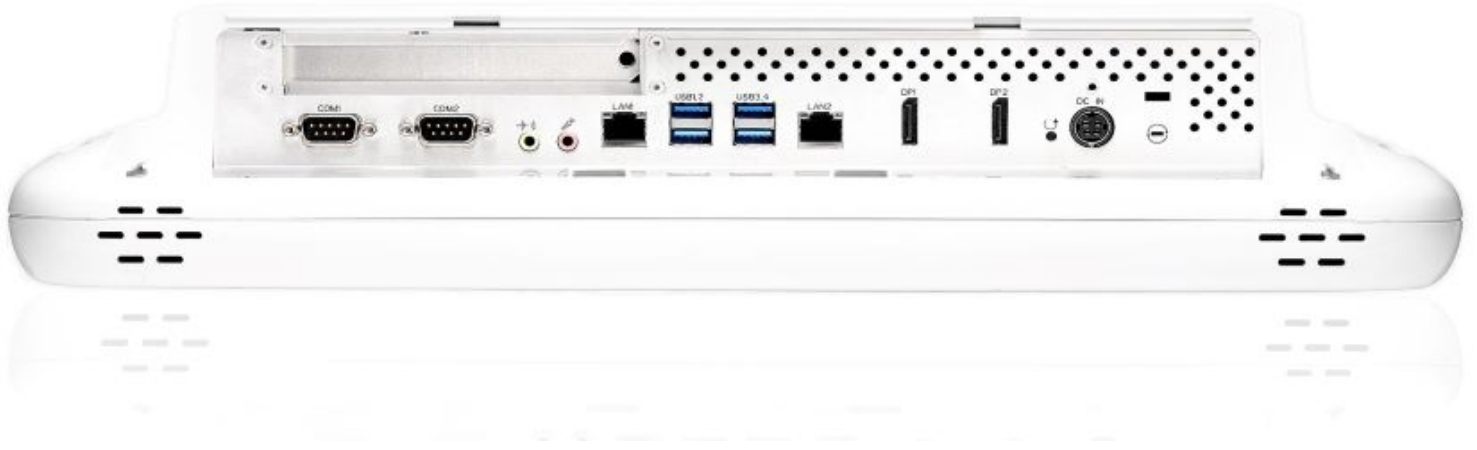
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I/O Diagram Images



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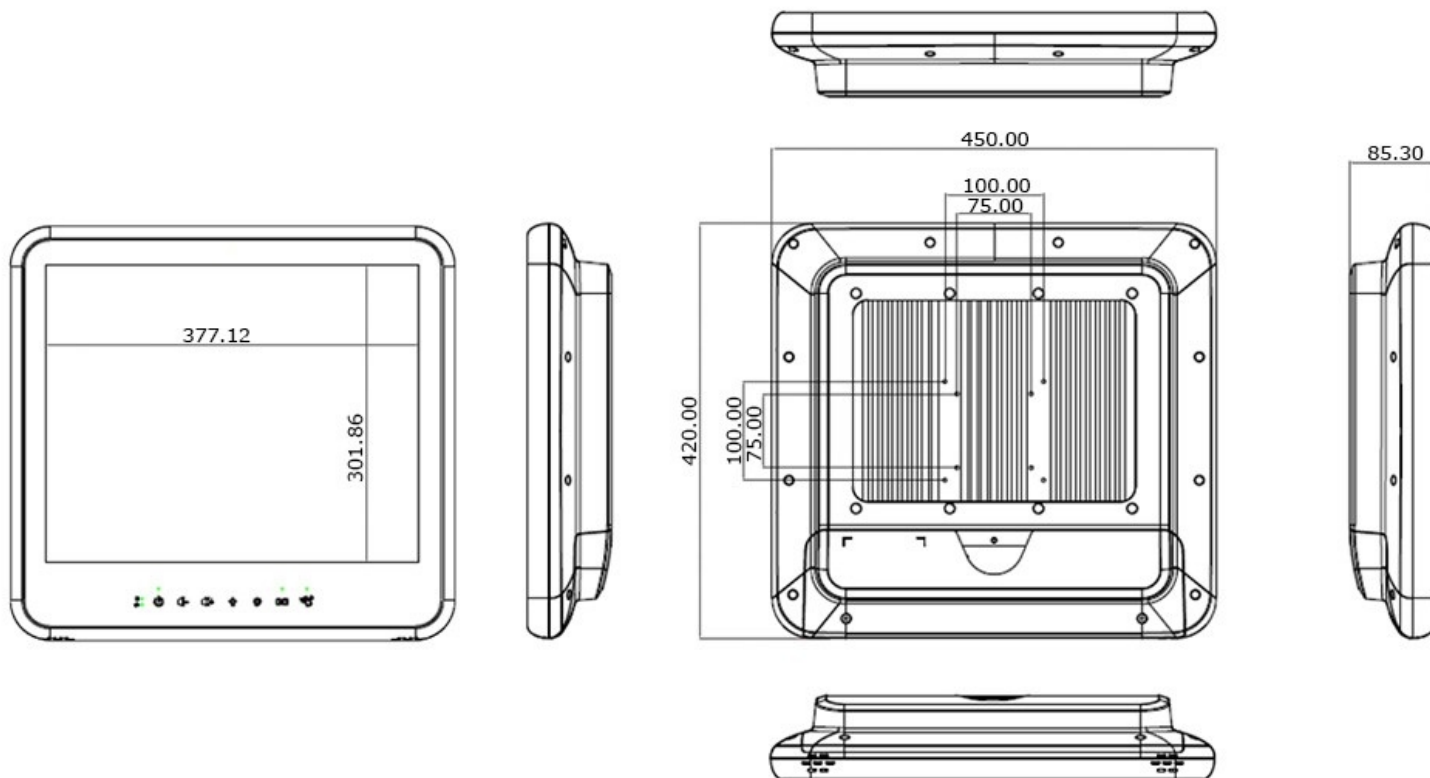
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Tech Diagram Images



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