TEGUAR

TM-5010-15

15" Medical Panel PC



Key Highlights

- 15.6" P-Cap LED Touchscreen
- Intel Skylake Core i3/i5/i7 CPU
- Optional 4KV LAN/COM/USB isolated I/Os
- 60601-1 4th Edition Certified
- Supports Intel vPro Hardware Security
- Anti-Bacterial Housing to Resist MRSA

VIEW ONLINE

The TM-5010-15 panel PC is a compact, efficient PC that meets or exceeds medical grade computer requirements. With its high performance Intel 6th generation Core i3/i5/i7, this powerful medical panel PC keeps up with demanding medical needs. The anti-bacterial plastic housing supports a multi-touch full HD screen with easy wipe surfaces. This medical grade computer supports Intel vPro with options for TPM v2.0 for hardware security and has an optional 3.2M pixel camera, battery pack, WLAN/Bluetooth module with inner antenna, desktop stand and RFID reader. Designed for a wide variety of functions within medical environments, The TM-5010-15 medical grade computer is a reliable solution to keep things running smoothly at any medical care center.

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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 Protocol Detail	1x RS-232, 1x RS-232/422/485 (RS485 supports auto flow control)
Ethernet / LAN	2x RJ45 GbE LAN
Video Outputs	2x DisplayPort
Other Ports	4KV Isolation Option 1x ISO COM, 1x ISO LAN, 1x ISO USB 2.0

Compatibility

Security Hardware	TPM v2.0 (Windows 10 Only)

Multimedia

Speakers	2x 2W Speakers
Camera	Optional 3.2MP Webcam

Enclosure

Material	Plastic
IP Rating	IP65 Front Bezel
Color	White
Led Indicator Light	Battery, HDD Access, Power
Control Buttons	Audio Down, Backlight on/off, Brightness Down, Brightness Up, Clean me, Power Button, Webcam (disable)
Programmable Function Buttons	1x Programmable Function Key
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

Display

Screen Size	15.6"
Screen Resolution	1366 x 768
Screen Ratio	16:9
Brightness	400 nits

Touch Screen

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

Power

Max Power Consumption	96W
Standard Power Adapter	AC 90V~264V / 47-63 Hz

Battery

Battery Type	Optional Internal Battery

Operating Systems

Windows	Windows 10 Pro, Windows 7 Pro

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	5 kg (11.0 lbs)
Dimensions	430 x 300 x 83 mm (16.9 x 11.8 x 3.3 in)

Warranty

Warranty	Up to 5 Years

Specifications subject to change.

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I/O Diagram Images

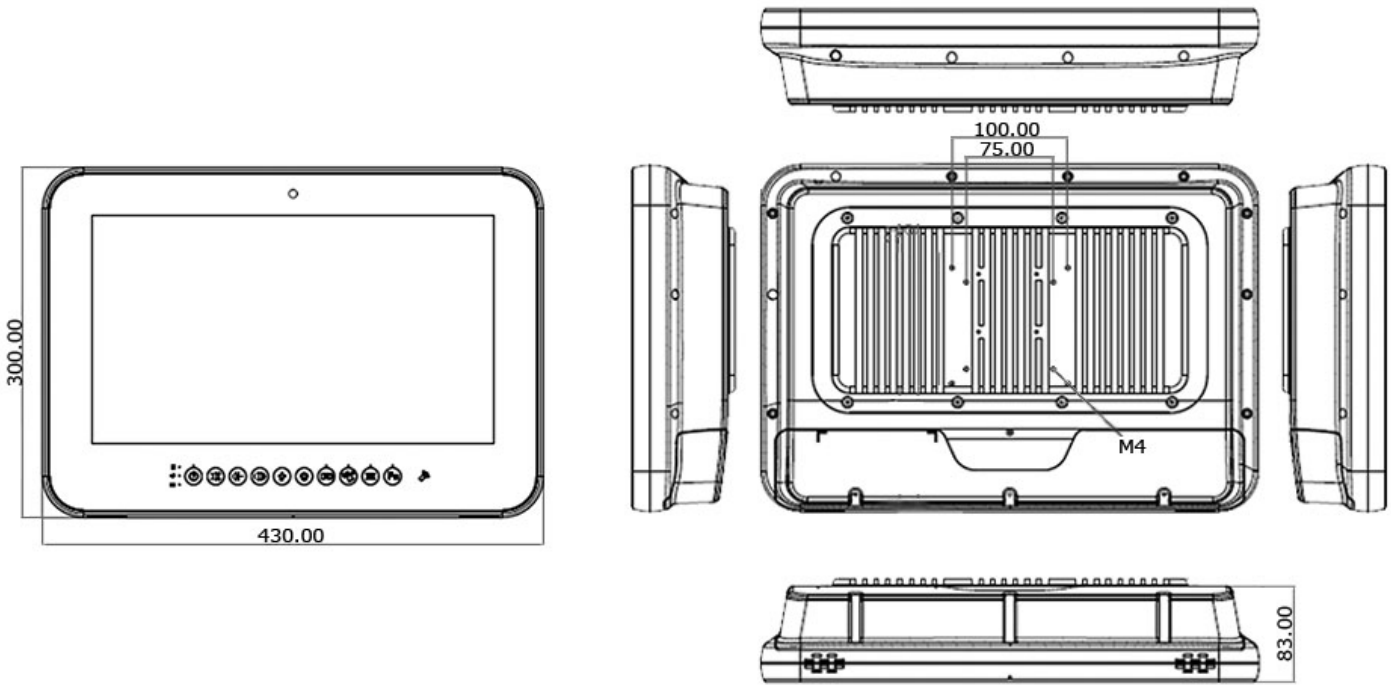


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Tech Diagram Images



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