TEGUAR

TM-7110-19F

19" Medical PC



Key Highlights

- 19" Touch Screen
- Intel 13th Generation Core i5 CPU
- Medically Compliant with 60601-1-2 ED4.1
- Optional Isolated I/O Ports
- Windows 11 Ready

VIEW ONLINE

The 19" Medical PC is equipped with all essential tools to seamlessly integrate into your medical equipment setup. With AI acceleration support via DDR5, it efficiently processes complex medical data, enabling swift diagnosis and treatment planning. Its design ensures compliance with industry standards, guaranteeing reliability and safety in critical medical environments. The Intel 13th Generation Core i5 CPU combined with Windows 11 readiness delivers robust performance and seamless compatibility with the latest software advancements. Isolated IO ports provide enhanced security to safeguard patients and clinical personnel. Together, these features make the 19" Medical PC a versatile and indispensable tool for modern healthcare practices.

USA
Teguar
2920 Whitehall Park Drive
Charlotte, NC 28273
+1 866-693-3105
sales@teguar.com

EUROPE
Teguar Europe AG
Churerstrasse 54, CH-8808
Pfäffikon, Switzerland
+41 41 561 53 11
sales.EU@teguar.com

ASIA
Teguar Taiwan Ltd.
Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd.,
Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)
+886 2 7751 5319
sales@teguar.com.tw

Technical Specifications

Primary Components

Processor Family	Intel Core I series 13th Generation Raptor Lake
Processor Model	Core i5-13500TE
Processor Speed	6x Performance Cores @ 1.3 GHz, up to 4.5 GHz, 8x Efficient Cores @1.1 GHz, up to 3.1GHz
Memory Type	2x DDR5 SO-DIMM
Memory Support	8GB, 16GB, 32GB, 64GB, 96GB
Storage Type	1x M.2 2280 NVME SSD slot, 1x M.2 SATA3 2280 Slot
Storage Support	M.2: 256GB-1TB

External I/O Ports

USB	1x USB 3.2 Type-C (DP 1.4A), 4x USB 3.2
Serial / Com	2x COM
Serial Protocol Detail	1x RS232/RS422/RS485, 1x RS232
Ethernet / LAN	1x RJ45 2.5 GbE LAN, 1x RJ45 GbE LAN
Video Outputs	1x DisplayPort, supports DP++, 1x HDMI 2.0b
Audio Ports	1x 3.5mm Audio Line-Out, 1x 3.5mm Microphone Jack
Power Input Port	DC-in via adapter cable

Expansion Slots

Internal M.2	1x M.2 2230 Key E (for WiFi expansion option)
Video Card Support	MXM, laptop graphics card NVidia A1000, A2000, A4500

Thermal & Environmental

Operating Temperature	0°C - 40°C (32°F – 104°F)
Storage Temperature	-20°C - 60°C (-4°F – 140°F)
Cooling Solution	Active – with Fan
Humidity Range	10% – 90% Non-condensing
Storage Humidity	10% – 90% Non-condensing

Peripherals & Wireless Connectivity

WiFi	WiFi 6 / 802.11 a/b/g/n/ac/ax
Bluetooth	Bluetooth 5.0
RFID	Optional 13.56MHz

Display

Screen Size	19"
Screen Resolution	1280 x 1024 (SXGA)
Screen Ratio	4:3
Brightness	350 nits

Touch Screen

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

Power

Input Voltage Range	19V DC
Standard Power Adapter	Input 100/240 AC, Output 19VDC, 250W

Battery

Battery Type	Optional 10.8V/10350mAh Battery

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 11 Pro

Compatibility

Security Hardware	fTPM 2.0, Intel vPro Technology: Intel AMT Supported

Multimedia

Camera	Optional 3MP Webcam

Enclosure

Material	Anti-Microbial
Color	White
Led Indicator Light	Battery
Control Buttons	Audio Down, Audio Up, Brightness Down, Brightness Up, Clean me, Display on/off, Programming Function Key, Reading Light
Mounting Options	VESA 100 Mount

Weight / Dimensions

Weight	7.5 kg (16.5 lbs)
Dimensions	450 x 84.1 x 420 mm (17.7 x 3.3 x 16.5 in)

Warranty

Warranty	Up to 5 Years

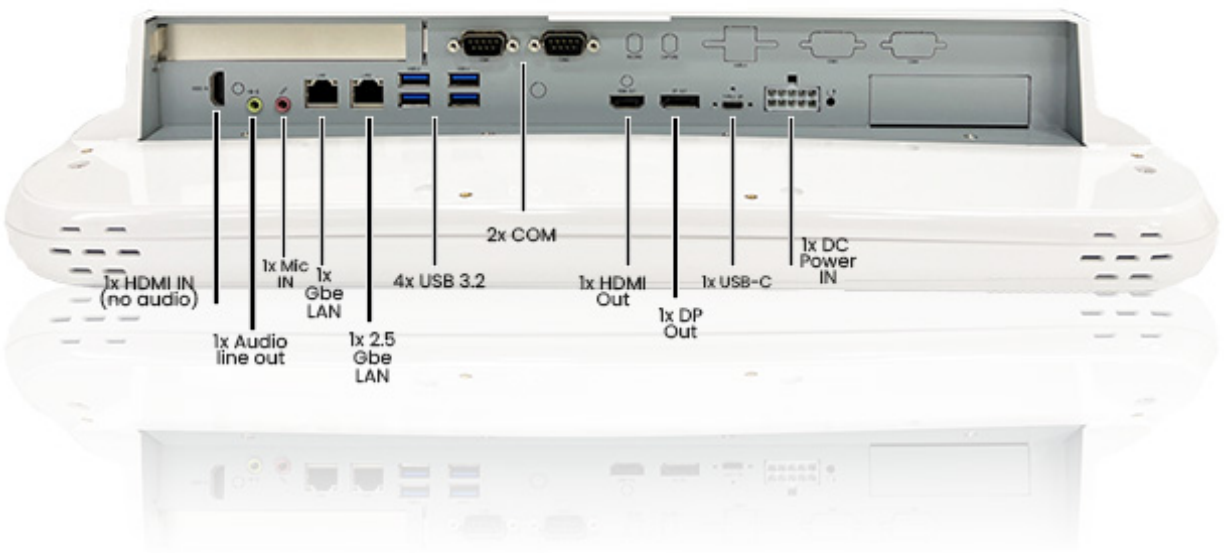
Specifications subject to change.

USA
Teguar
2920 Whitehall Park Drive
Charlotte, NC 28273
+1 866-693-3105
sales@teguar.com

EUROPE
Teguar Europe AG
Churerstrasse 54, CH-8808
Pfäffikon, Switzerland
+41 41 561 53 11
sales.EU@teguar.com

ASIA
Teguar Taiwan Ltd.
Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd.,
Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)
+886 2 7751 5319
sales@teguar.com.tw

I/O Diagram Images

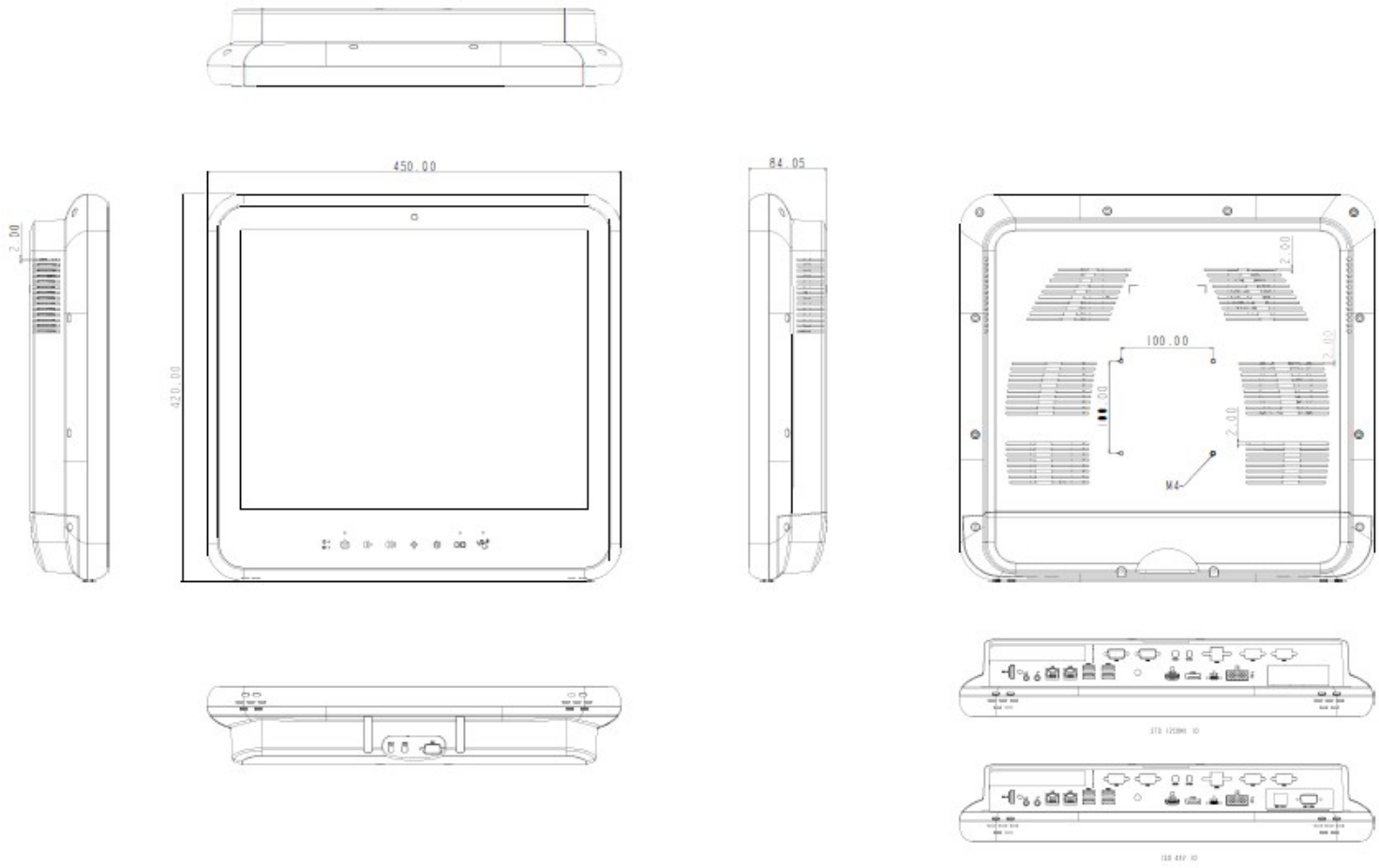


USA
Teguar
2920 Whitehall Park Drive
Charlotte, NC 28273
+1 866-693-3105
sales@teguar.com

EUROPE
Teguar Europe AG
Churerstrasse 54, CH-8808
Pfäffikon, Switzerland
+41 41 561 53 11
sales.EU@teguar.com

ASIA
Teguar Taiwan Ltd.
Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd.,
Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)
+886 2 7751 5319
sales@teguar.com.tw

Tech Diagram Images



USA
Teguar
2920 Whitehall Park Drive
Charlotte, NC 28273
+1 866-693-3105
sales@teguar.com

EUROPE
Teguar Europe AG
Churerstrasse 54, CH-8808
Pfäffikon, Switzerland
+41 41 561 53 11
sales.EU@teguar.com

ASIA
Teguar Taiwan Ltd.
Rm. A, 28F-12., No.99, Sec. 1, Xintai 5th Rd.,
Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)
+886 2 7751 5319
sales@teguar.com.tw