524T
Medical-Grade Integrated LCD System

Display-Integrated Digital System for Point-of-Care Solutions

The 524T medical grade all-in-one system integrates a 24-inch TFT-LCD with an energy efficient Intel® Core™ i platform in a fanless, slim, bacteria-resistant enclosure. Designed for medical and healthcare applications, this LCD-integrated system provides space-saving solutions for health professionals to monitor, record and retrieve patient information as well as other point-of-care applications. The built-in Wi-Fi and Bluetooth connections also make data access efficient and optimizes staff workflow.

Features

- 24" capacitive touch screen
- Intel® 7th Generation Core™ i5 processor
- Microsoft® Windows® 10 IoT Enterprise or Ubuntu operating system
- Elegant all-in-one, slim, fanless design
- Optional integrated UPS battery
- Slim, all-in-one design with anti-microbial enclosure
- IP65 rated front panel with IPX2 rated enclosure
- VESA-mountable for flexibility in mounting and placement

Specifications

System

CPU	Intel® Core™ i5-7500T, 2.7GHz (up to 3.3GHz)
RAM	8GB to 16GB
Storage	256GB to 512GB Flash
Operating System	Microsoft® Windows® 10 IoT Enterprise or Ubuntu
Display	23.6" capacitive touch screen
Display Resolution	1920 x 1080 (Full-HD)
Battery Pack	Optional integrated UPS battery x 1
Buttons	1 power and 4 programmable buttons
Stereo speaker	Built-in speaker

Network Interface

WLAN	Wi-Fi 802.11ac, 2.4GHz/ 5GHz dual band
Bluetooth	Bluetooth 4.2 LE

I/O Ports

USB Port	USB 3.0 x 4, USB 2.0 x 2
COM Port	3
Audio-out	1
HDMI-out	1
Ethernet	RJ45 connector for Ethernet x 2
DC-in	1
Potential Equalization Conductor	1 (optional)

Mechanical and Environmental

Fan/Fanless	Fanless
AC/DC Adapter	Input 100-240V AC; Output 19V DC, 6.31A
Enclosure	Aluminum alloy, anti-microbial enclosure
Dimensions (H x W x D)	13.7 x 22.3 x 1.8 in/ 350 x 567 x 45 mm
Weight	17.6 lbs/ 8 kg
VESA-compliant Mounting	100mm × 100mm VESA standard
Water Resistance	Front panel: IP65; Enclosure: IPX2
Regulatory	UL60601-1, FCC Part 18 Class B, CE, CCC compliant
Temperature	Operation: 0°C to 40°C (32°F to 104°F); Storage: -20°C to 60°C (-4°F to 140°F)
Humidity	0% – 90% non-condensing

* Specifications subject to change without notice.