

ST524T

Medical-Grade Integrated LCD System

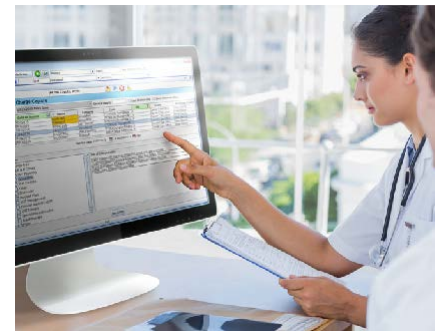
Display-Integrated Digital System for Point-of-Care Solutions



The Sumo Healthcare ST524T 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 optional UPS battery provides backup protection to keep the system on short-term during an interruption in power. The built-in Wi-Fi and Bluetooth connection as well as data capture options also make data access efficient and optimizes staff workflow.

Features

- Elegant all-in-one, slim, fanless design
- Intel® 6th Generation Core™ i processor
- 24" Full-HD LED-backlight screen, capacitive touch and 4K screen options
- UL60601-1 certified
- IP65 rated front panel with IPX2 rated enclosure
- Aluminum alloy enclosure with anti-microbial coating
- VESA-mountable for flexibility in mounting and deployment
- Optional front camera and UPS battery
- Optional integrated dual-band RFID reader with single-sign-on authentication



Applications

- Hospital
- Healthcare Center
- Retirement community
- Laboratory

Specification

System	
CPU	Intel® Core™ i5-6500TE, 2.3GHz (up to 3.3GHz) Intel® Core™ i7-6700TE, 2.4GHz (up to 3.4GHz)
RAM	8GB to 16GB
Storage	128GB to 1TB Flash
Operating System	Microsoft® Windows® 7 Professional or Windows® 10 IoT Enterprise
Display	23.8" TFT-LCD with capacitive touch
Display Resolution	1920 x 1080; 3840 x 2160 (optional)
Touch Screen	Optional capacitive touch
Network Interface	Wi-Fi 802.11ac, 2.4GHz/ 5GHz dual band
Bluetooth	Bluetooth 4.0 LE
Control Button	1 power and 4 programmable buttons
Stereo speaker	Built-in speakers
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
Mechanical and Environmental	
Fan/Fanless	Fanless
AC/DC Adapter	Input 100-240V AC; Output 19V DC, 6.31A
Enclosure	Aluminum alloy, anti-microbial coating
Base or Pedestal	Detachable aluminum construction; VESA-compliant mounting
Dimensions (H x W x D)	16.9 x 22.3 x 8.3 in/ 431 x 567 x 212 mm (with base stand)
	13.7 x 22.3 x 1.8 in/ 350 x 567 x 45 mm (without base stand)
Weight	23.6 lbs/ 10.7 kg (with base stand)
	17.6 lbs/ 8 kg (without base stand)
Water Resistance	Front panel: IP65 Enclosure: IPX2
Regulatory	UL60601-1, FCC Part 18 Class B, RoHS compliant
Temperature	Operation: 0°C – 40°C; Storage: -20°C – 60°C
Humidity	0% – 90% non-condensing
Major Options	
Camera	2 megapixel front camera
UPS Battery	11.1V, 1500mAh. Provides backup protection to keep the system on short-term during power interruption
NFC/ RFID Reader	Integrated dual-band RFID reader, single-sign-on authentication support

* Specifications subject to change without notice.