



504T Medical-Grade Integrated LCD System

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

The DT Research 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 and others to monitor, record and retrieve information as well as other end point applications. The built-in Wi-Fi and Bluetooth connections also make data access efficient and optimizes staff workflow.





Features

- 24" inch capacitive touch screen
- Intel[®] 10th Generation Core[™] i processor
- Microsoft[®] Windows[®] 10 IoT Enterprise or Ubuntu operating system
- Elegant all-in-one, slim, fanless design
- Slim, all-in-one design with antimicrobial enclosure
- IP65 rated front panel with IPX2 rated enclosure
- VESA-mountable for flexibility in mounting and placement

Major Options

- 4K resolution screen
- Integrated UPS battery
- Front camera
- Single/dual frequency NFC/RFID reader

Specifications



System Just I CPU Intel® Core ** 15-10507, 6-core, 2-0014 (up to 3-8504) Intel® Core ** 15-10507, 8-core, 2-0014 (up to 4-8504) CPU Intel® Core ** 15-10507, 8-core, 2-0014 (up to 4-8504) NAM & 68 to 1668 Storage 2-566 to 51268 Flash Operating System Microsoft* Windows* 10 Ioi Enterprise or Ubuntu Display 2-32 8* capacitive touch screen Display Noulle TPM 2-0 Battery Pack Optional Integrated UPS battery x 1 Buttons 1 power and 4 programmable buttons Speaker and Microphone Built-in speaker and microphone Network Interface WIAN VIAN Wi-Fi 802.11ax, 2.46Hz/ SGHz dual band Buteotoh Buteotoh 5.1E I/O Ports USB 2.0 x 2 (ESD protection: 117W by air, 12W by contact) COM Port 3 Audio-out 1 Molinout (Equation Conductor 1 (optional) Potential Equalization Conductor 1 (optional) Color 1 VEX Avet Interface 2 (ESD protection: 117W by air, 120V by contact) USB Port USB 2.0 x 2 (ESD protection: 11			
Intel® Core® 15:10507, 6-core. 2-26/14: (up to 3.5614) CPU Intel® Core® 15:10507, 6-core. 2-26/14: (up to 4.5614) RAM 8/06 to 1668 Storage 2566 to 51266 Flash Operating System Microsoft® Windows® 1010 Enterprise or Ubuntu Display 23.8° capacitive touch screen Display No 3840 x 2160 (prinal) Trusted Platform Module TPM 2.0 Storage Optional Integrated UPS battery x 1 Buttons 1 power and 4 programmable buttons Speaker and Microphone Built-in speaker and microphone Network Interface WLAN VI-P fots USB 30 x 4 (ESD protection: ±17KV by air, ±12KV by contact), uSB 20 x 2 (ESD protection: ±17KV by air, ±12KV by contact) USB Port USB 30 x 4 (ESD protection: ±17KV by air, ±12KV by contact), USB 2.0 x 2 (ESD protection: ±17KV by air, ±12KV by contact) USB Port USB 2.0 x 2 (ESD protection: ±17KV by air, ±12KV by contact), USB 2.0 x 2 (ESD protection: ±17KV by air, ±12KV by contact) Ethernet 2 (ESD protection: ±17KV by air, ±12KV by contact), USB 2.0 x 2 (ESD protection: ±17KV by air, ±12KV by contact) DC-in 1 Parl/Fanless Fanless AQID cAdgeter Input 100-240V AC; Output 19V DC; 6.31A Enclosure </th <th>Model</th> <th>504T</th> <th></th>	Model	504T	
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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	Enclosure	Aluminum alloy, antimicrobial enclosure	
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	Dimensions (H x W x D)	14.6 x 22.3 x 1.8 in/ 370.5 x 567 x 45.2 mm	
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	Weight	17.6 lbs/ 8 kg	
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	VESA-compliant Mounting	100mm × 100mm VESA standard	
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	Water Resistance	Front panel: IP65; Enclosure: IPX2	
Humidity 0% – 90% non-condensing	Regulatory	UL60601-1, FCC Part 18 Class B, CE, CCC compliant	
с	Temperature	Operation: 0°C to 40°C (32°F to 104°F); Storage: -20°C to 60°C (-4°F to 140°F)	
Major Options	Humidity	0% – 90% non-condensing	
	Major Options		

Camera

NFC/ RFID Reader

Full-HD front camera

HF 13.56MHz, ISO standard 15693, 14443A(B) & 18000-3 mode-1, or dual frequency, reads both 125KHz and 13.56MHz credentials

* Specifications subject to change without notice.

Accessories





Medical Grade AC Adapter





DR202 Battery Gang Charger

• 3-Slot Battery Holster







Product Configurator





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