



# DT514LD / DT514LA

## Medical All-in-One Computer

### Slim Workstation for Point-of-Care Solutions

Designed for versatility in healthcare and other clean-sensitive applications, the DT514 Series Medical All-in-One System offers a range of processing power and configuration options—from high-performance Intel® processors for demanding workloads to cost-effective configurations ideal for nurse workstations. Featuring a 23.8" full HD display, this energy-efficient fanless system with an anti-microbial enclosure is designed for applications that require the highest level of clean operations. The slim VESA-mountable system seamlessly integrates into space-constrained areas. Optional features such as a capacitive touchscreen (DT514LD), smart card/CAC reader, RFID reader, and IR camera further enhance workflow, making the DT514 Series a robust solution for patient data management, telemedicine, and point-of-care applications.



### Features

- 23.8" Full HD (1920 × 1080) touchscreen (DT514LA) / display (DT514LD)
- Microsoft® Windows® 11 IoT Enterprise or IGEL OS
- ANSI/AAMI ES60601-1 certified
- Space-saving all-in-one, slim, fanless design with antimicrobial enclosure
- VESA mounting compatibility for easy installation and optimized mobility
- IP65-rated front panel with IP54-rated enclosure
- Energy Star 8.0 certified

### Major Options

- 2 MP IR camera
- Smart card/CAC reader
- RFID reader
- Capacitive touchscreen (DT514LD)
- PoE LAN (DT514LD)
- UPS backup battery

# Specifications



Model	DT514LD	DT514LA
<b>System</b>		
<b>CPU</b>	Intel® N97, Quad-core (up to 3.6 GHz)	Intel® Core™ Ultra 5 processor 225U, 10-core (up to 4.9 GHz) Intel® Core™ Ultra 7 processor 255U, 12-core (up to 5.2 GHz)
<b>RAM</b>	8GB DDR5 up to 16GB (SO-DIMM, one slot)	8GB DDR5 up to 64GB (SO-DIMM, two slots)
<b>Storage</b>	128GB eMMC	512GB to 4TB
<b>Operating System</b>	IGEL OS	Microsoft® Windows® 11 IoT Enterprise
<b>Display</b>	23.8"	23.8"
<b>Touchscreen</b>	Capacitive touch (optional)	Capacitive touch
<b>Brightness</b>	250 nits	250 nits
<b>Contrast Ratio</b>	1000:1	1000:1
<b>Display Resolution</b>	Full HD (1920 x 1080)	Full HD (1920 x 1080)
<b>Trusted Platform Module</b>	fTPM (optional: dTPM)	fTPM (optional: dTPM)
<b>Buttons</b>	1 x power button, 4 x programmable buttons	1 x power button, 4 x programmable buttons
<b>Speaker</b>	2 x 5W speakers	2 x 5W speakers
<b>Microphone</b>	Built-in microphone array	Built-in microphone array

## Network Interface

<b>WLAN</b>	Wi-Fi 802.11be, 2.4/5/6 GHz three band (optional)	Wi-Fi 802.11be, 2.4/5/6 GHz three band
<b>BT</b>	5.4	5.4

## I/O Ports

<b>USB Port</b>	3 x USB 3.2 Gen 2 (Type-A), 1 x USB 3.2 Gen 2 latest USB/charging (for display output and charging)	4 x USB 3.2 Gen 2 (Type-A), 1 x USB 3.2 Gen 2 latest USB/charging (for display output and charging)
<b>Ethernet Port</b>	1 x Ethernet 10/100/1000MB Base-T LAN	1 x Ethernet 2.5 GbE LAN
<b>COM</b>	n/a	2
<b>HDMI</b>	1	1
<b>DC-In Jack</b>	1	1

## Mechanical and Environmental

<b>Fan/Fanless</b>	Fanless	Fanless
<b>AC/DC Adapter</b>	Input: 100 to 240V AC; Output: 19V DC, 3.78A	Input: 100 to 240V AC; Output: 19V DC, 6.31A
<b>Enclosure</b>	ABS plastic, antimicrobial enclosure	ABS plastic, antimicrobial enclosure
<b>Dimensions (H x W x D)</b>	14.49 x 22.4 x 1.67 in/368 x 569 x 42.5 mm	14.49 x 22.4 x 1.67 in/368 x 569 x 42.5 mm
<b>Weight</b>	11.24 lbs/5.1 kg (no touch) 13.88 lbs/6.3 kg (with touch)	13.88 lbs/6.3 kg
<b>VESA</b>	100 x 100 mm	100 x 100 mm
<b>Water Resistance</b>	IP65 sealed front bezel and IP54 back cover enclosure	IP65 sealed front bezel and IP54 back cover enclosure
<b>Regulatory</b>	ANSI/AAMI ES60601-1, IEC60601-1, IEC60601-1-2, FCC Part 18, FCC Part 15 Class B, CE-EMC, CE-RED, Energy Star 8.0, EPEAT	ANSI/AAMI ES60601-1, IEC60601-1, IEC60601-1-2, FCC Part 18, FCC Part 15 Class B, CE-EMC, CE-RED, Energy Star 8.0, EPEAT
<b>Temperature</b>	Operation: 0°C to 40°C (32°F to 104°F); Storage: -20°C to 60°C (-4°F to 140°F)	Operation: 0°C to 40°C (32°F to 104°F); Storage: -20°C to 60°C (-4°F to 140°F)
<b>Humidity</b>	0% to 90% non-condensing	0% to 90% non-condensing

## Major Options

<b>Camera</b>	2 MP IR camera	2 MP IR camera
<b>Smart Card/CAC Reader</b>	Half-slot (ISO 7816 T=0, T=1 and 1.8/3/5V smart card)	Half-slot (ISO 7816 T=0, T=1 and 1.8/3/5V smart card)
<b>RFID Reader</b>	HF 13.56 MHz, ISO 15693, 14443A(B) and 18000-3 mode 1, or dual frequency (125 kHz and 13.56 MHz)	HF 13.56 MHz, ISO 15693, 14443A(B) and 18000-3 mode 1, or dual frequency (125 kHz and 13.56 MHz)
<b>Touchscreen</b>	Capacitive touch	Comes standard with capacitive touch
<b>PoE LAN</b>	Isolated 60W IEEE802.3bt Type 4 PD module	n/a
<b>UPS Backup Battery</b>	2300mAh	2300mAh

\*Specifications subject to change without notice.

