



DT574LD/DT574LA

Medical Grade All-in-One Computer

Slim Workstation for Point-of-Care Solutions

Designed for versatility in medical and healthcare applications, the DT574 Series Medical All-in-One System offers a range of processing power and options for diverse applications—from high-performance Intel® processors for demanding workloads to cost-efficient configurations ideal for nurse stations. Featuring a 23.8" Full HD touchscreen, a fanless and antimicrobial enclosure, and VESA mounting compatibility, this slim and energy-efficient system seamlessly integrates into clean-sensitive environments. Optional features such as a smart card/CAC reader, RFID reader, and IR camera further enhance workflow efficiency, creating a robust solution for patient data management, telemedicine, and point-of-care applications.



Features

- 23.8" Full HD (1920 x 1080) display
- Microsoft® Windows® 11 IoT Enterprise or IGEL OS
- Space-saving all-in-one, slim, fanless design with antimicrobial enclosure
- ANSI/AAMI ES60601-1 certified
- VESA mounting compatibility for easy installation and optimized mobility
- IP65-rated front panel with IP54-rated enclosure
- Integrated hot-swappable batteries (optional, up to 2 batteries)
- Energy Star 8.0 certified

Major Options

- IR camera
- Smart card/CAC reader
- RFID reader

Specifications



Model	DT574LD	DT574LA
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System

CPU	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)
RAM	8GB DDR5 up to 32GB (SO-DIMM, one slot)	8GB DDR5 up to 64GB (SO-DIMM, two slots)
Storage	Up to 4TB	Up to 4TB
Operating System	IGEL OS	Microsoft® Windows® 11 IoT Enterprise
Display Size	23.8"	23.8"
Touchscreen	P-CAP touch	P-CAP touch
Brightness	250cd/m2	250cd/m2
Contrast Ratio	1000:1	1000:1
Display Resolution	Full-HD (1920 x 1080)	Full-HD (1920 x 1080)
Trusted Platform Module	fTPM (optional: dTPM)	fTPM (optional: dTPM)
Buttons	1 x power button, 4 x programmable buttons	1 x power button, 4 x programmable buttons
Speaker	2 x 5W speakers	2 x 5W speakers
Microphone	Built-in microphone array	Built-in microphone array

Network Interface

WLAN	Wi-Fi 802.11be, 2.4/5/6 GHz three band	Wi-Fi 802.11be, 2.4/5/6 GHz three band
BT	5.4	5.4

I/O Ports

USB Port	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)
Ethernet Port	1 x Ethernet 10/100/1000MB Base-T LAN	1 x Ethernet 10/100/1000/2500 Base-T LAN
COM	n/a	2
HDMI	1	1
DC-in Jack	1	1

Mechanical and Environmental

Fan/Fanless	Fanless	Fanless
Battery Pack	(Optional) 2 x Li-ion batteries (8250mAh, 90Wh)	(Optional) 2 x Li-ion batteries (8250mAh, 90Wh)
AC/DC Adapter	Input: 100 to 240V AC; Output: 19V DC, 6.31A	Input: 100 to 240V AC; Output: 19V DC, 6.31A
Enclosure	ABS plastic, antimicrobial enclosure	ABS plastic, antimicrobial enclosure
Dimensions (H x W x D)	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
Weight	16.31 lbs/7.4 kg	16.31 lbs/7.4 kg
VESA	100 x 100 mm	100 x 100 mm
Water Resistance	IP65 sealed front bezel and IP54 back cover enclosure	IP65 sealed front bezel and IP54 back cover enclosure
Regulatory	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
Temperature	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)
Humidity	0% to 90% non-condensing	0% to 90% non-condensing

Major Options

Camera	IR camera	IR camera
Smart Card/CAC Reader	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)
RFID Reader	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)

*Specifications subject to change without notice.

