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DT556LA/DT573LA
Medical Grade All-in-One Computer

All-in-One Computer with Integrated Swappable Batteries for Point-of-Care Applications

Powered by high-performance Intel® Arrow Lake-U processors, the DT556LA/DT573LA medical grade All-in-One computers feature 15.6” or 17.3” high-resolution capacitive multi-touch displays, providing a vivid viewing area for enhanced readability and efficient operation. Optional dual hot-swappable batteries ensure uninterrupted workflow, while the VESA-standard mounting design allows for easy installation and flexible placement. Smart card reader, front camera, and NFC/RFID data capture options further streamline point-of-care processes. Designed for use in hospitals, clinics, and clean-sensitive labs, the DT556LA/DT573LA medical grade All-in-One computers support a variety of point-of-care applications. A range of accessories—including batteries, multi-battery chargers, desktop stands, and cart battery holsters—enhance usability and improve productivity.

Features

- 15.6" or 17.3” high-resolution multi-touch
- Intel® Core™ Ultra processor
- Microsoft® Windows® 11 IoT Enterprise or Ubuntu OS
- Fanless, space-saving all-in-one design with antimicrobial enclosure
- VESA compatibility to maximize installation flexibility
- Integrated dual hot-swappable batteries
- IP65 sealed front bezel and IP54 back cover enclosure

Major Options

- IR camera
- NFC/RFID reader
- Smart card/CAC reader
- Battery
- 5G

Specifications

Model	DT556LA	DT573LA
System		
CPU	Intel® Core™ Ultra 5 225U, 12-core, up to 4.8 GHz Intel® Core™ Ultra 7 255U, 12-core, up to 5.2 GHz	
RAM	8GB/16GB M.2 PCIe	
Storage	SO-DIMM DDR5 256GB/512GB/1TB	
Operating System	Microsoft® Windows® 11 IoT Enterprise or Ubuntu	
Display	15.6" multi-touch	17.3" multi-touch
Display Resolution	1920 x 1080	
Trusted Platform Module	TPM 2.0	
Microphone	Microphone array	
Speaker	Build-in speaker	
Buttons	1 x power button, 4 x functional buttons	
Network Interface		
WLAN	IEEE 802.11be (Wi-Fi 7), 2.4/5/6 GHz three band	
BT	5.4	
I/O Ports		
USB Ports	4 x USB (Type-A), 1 x latest USB	
COM Port	2	
HDMI Port	1	
Ethernet Port	1 x Ethernet 2.5 Gigabit base-T LAN	
POAG	1 (optional)	
DC-in Jack	1	
Mechanical and Environmental		
Fan/Fanless	Fanless	
AC/DC Adapter	Input: 100 to 240V AC; Output: 19V DC, 3.78A	
Battery Pack	2 x Li-Ion batteries (7.6V, 23.56W) 2 x Li-Ion batteries (10.9V, 70.88W) (optional)	
Enclosure	ABS + PC plastic with antimicrobial coating	
Dimensions (H x W x D)	10.51 x 15.51 x 1.34 in/267 x 394 x 34 mm	11.47 x 16.94 x 1.34 in/291.35 x 430.15 x 34 mm
Weight	6.61 lbs/3 kg	7.275 lbs/3.3 kg
VESA Mount	100 x 100/75 x 75 mm	
Water Resistance	IP65 sealed front bezel and IP54 back cover	
Regulatory and Safety Certifications	Medical CE, FCC Part 15B & Part 18B, RCM, IC, RoHS	
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% to 90% non-condensing	
Major Options		
Camera	IR camera	
NFC/RFID Reader	Dual frequency (reads 125 KHz and 13.56 MHz credentials)	
Smart Card/CAC Reader	Half-slot (reads ISO 7816 T=0, T=1 and 1.8/3/5V smart card)	
Mobile Broadband	5G	
Battery	2 x Li-Ion batteries (10.9V, 70.88W)	

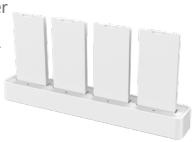
*Specifications subject to change without notice.

Accessories

- Medical Grade Adapter

- Battery Gang Charger

Simultaneously charge 4 external batteries.



- Battery 23.56W

- Battery 70.88W (optional)

- Desktop Stand

Product Configurator

www.dtresearch.com/productconfig

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