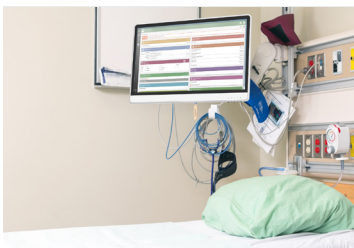# 554GR
Medical-Grade Graphics Station

Powered by a high-performance Intel® Core™ i processor and equipped with an NVidia® graphics card, the 554GR medical graphics station features a 23.8" TFT-LCD touchscreen and a robust design packed within a bacteria-resistant enclosure. While the built-in Wi-Fi and BT connectivity allows medical professionals to efficiently record, manage and monitor patient data, the built-in GPU significantly enhances the process speed for medical imaging, making the 554GR medical graphics station ideal for medical applications in hospitals and clinics.

Features

- 23.8" high-resolution touchscreen
- Intel® Core™ i processor
- Graphics card to accelerate medical imaging process
- Microsoft® Windows® 11 IoT Enterprise or Ubuntu operating system
- Elegant all-in-one, slim design with antimicrobial enclosure
- VESA mounting compatibility for easy installation and optimized mobility
- IP65 sealed front bezel and IPX1 back cover enclosure

Major Options

- POAG(Equipotential Grounding Connector): enables connection to an electrical ground in order to prevent buildup of static electricity. This minimizes the chance of static discharge, which could be harmful to patients and healthcare providers, when sensitive medical devices are in use.

Specifications

Model	554GR

System

CPU	Intel® Core™ i5-13500T, 14-Core, up to 4.6 GHz Intel® Core™ i7-13700T, 16-Core, up to 4.9 GHz
GPU	RTX A2000 or RTX A2000A
RAM	8GB to 64GB
Storage	512GB to 2TB Flash
Operating System	Microsoft® Windows® 11 IoT Enterprise or Ubuntu
Display	23.8" LED-Backlit TFT LCD Touchscreen
Display Resolution	1920 x 1080 or 4K
Trusted Platform Module	TPM 2.0
Camera	5 MP Front Camera
Speaker	Built-In Speaker
Microphone	Built-In Microphone

Network Interface

WLAN	Wi-Fi 802.11ax, 2.4/5/6 GHz Three Band
BT	5.3

I/O Ports

USB Port	4 x USB 3.0, 2 x USB 2.0, 2 x latest USB/charging (Power-Out 5V/3A)
COM Port	3
Ethernet Port	2 (1 x 10/100/1000M, 1 x 10/100M)
DisplayPort	2 x DisplayPorts
DC-In Jack	1 x 4 PIN Jack
POAG	(Optional: 1)
Switches and Buttons	1 x Power Button, 2 x Brightness Buttons (Up/Down)

Mechanical and Environmental

Fan/Fanless	Fan
AC/DC Adapter	Input: 100 to 240V AC; Output: 19V DC, 14.73A
Enclosure	Aluminum Alloy, Antimicrobial Enclosure
Dimensions (H x W x D)	14.6 x 22.3 x 1.8 in/370.5 x 567 x 45.2 mm
Weight	17.6 lbs/8 kg
VESA Mount	100 × 100 mm
Water Resistance	IP65 Sealed Front Bezel and IPX1 Back Cover
Regulatory	ANSI/AAMI ES60601-1, IEC60601-1, IEC60601-1-2, FCC Part 18, FCC Part 15 Class B, CE-EMC, CE-RED, RCM, CCC
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% to90% Non-Condensing

Major Options Specs

POAG	1

*Specifications subject to change without notice.

Accessories

· Desktop Stand   · Medical Grade AC Adapter

Product Configurator

www.dtresearch.com/productconfig