



The RadStation by NextComputing is a portable multi-screen PACS radiologist reading station. It is an all-in-one solution, purpose-built and performance-optimized with the right combination of specs and tools for fast and accurate analysis of diagnostic scan files from X-rays, MRI, CT, Ultrasound, PET CT, and Nuclear Medicine.

COMPUTING AT THE EDGE

The core of the RadStation is the briefcase-size Edge D100 workstation with integrated display. The compact form factor hides the incredible graphics and processing power usually only found in a desktop tower system. This system features the cutting-edge AMD Ryzen 9 processor and for graphics has both a Nvidia T400 graphics card as well as the Barco MXRT-6700 PCIe graphics card for the included Barco Medical Diagnostic Reading displays.

NextComputing designed the Edge series of innovative, incredibly small workstations for professionals who work with compute-intensive applications and need the flexibility to work from any location.



PROFESSIONAL IMAGING

For image analysis, the RadStation package features dual Barco Nio MDNC-3521 diagnostic radiology display monitors. These are cutting-edge 21-inch Color 3MP diagnostic displays designed for general radiology. They boast a high luminance of 600 cd/m² and a contrast ratio of 2000:1, ensuring detailed and accurate image rendering. Nio MDNC-3521 features SteadyColor and SteadyGray technologies for consistent color and grayscale presentation across various imaging modalities.



MULTI-SCREEN ADVANTAGE

This solution includes 2x full HD portable monitors for application use and triple display presentation. These ultra-light portable monitors are 15.6" and 0.3" slim and feature USB Type-C connections, hybrid signal solution for backwards compatibility, and certified flicker-free backlighting.



RUGGED, RELIABLE TRANSPORT

For true portability, RadStation includes two rugged transport cases for getting your complete workstation anywhere you need to be, safely and reliably.



CPU	AMD Ryzen 9 7900 3.70 GHz 12-Core (24 threads) processor, 5.40 GHz Max Boost, 64MB L3 cache, 65W liquid cooling/acoustically quiet
Memory	64GB DDR5 5200MHz non-ECC RAM (16GB x 4 DIMM dual-channel configuration)
Graphics	<ul style="list-style-type: none"> Nvidia T400 graphics card for triple display (1 internal and 2 external portable displays) BARCO MXRT-6700 PCIe graphics card 8GB for the (2) Barco Medical Diagnostic Reading displays
Built-In Monitor	Integrated 17.3-inch HD (1920x1080) display with protective glass. Connected to Nvidia T400 graphics card
Storage	<ul style="list-style-type: none"> System drive: 1x fixed 1TB M.2 NVMe PCI Express 4.0 SSD Data storage: 2x 1TB Solid State Drives 2.5" SATA SSDs, configured RAID 1 to motherboard SATA-III controller
Ports	<ul style="list-style-type: none"> External: 1 x USB 3.2 Gen 2x2 port (1 x USB Type-C); 1 x DisplayPort, 1 x HDMI port, 3 x USB 3.2 Gen 2 ports (3 x Type-A), 4 x USB 3.2 Gen 1 ports (4 x Type-A), 2 x USB 2.0 ports (2 x Type-A) 1 x Realtek 2.5Gb Ethernet port, 3 x Audio jacks, 1 x DisplayPort, 1 x HDMI port Internal: 3 x M.2 Socket 3 connectors, 6 x SATA 6Gb/s connectors, 1 x Wi-Fi6 BlueTooth v5.2 Module, 2 x USB 3.2 Gen 1 headers support additional 4 USB 3.2 Gen 1 ports 2 x USB 2.0 headers support additional 4 USB 2.0 ports
Wi-Fi	Wi-Fi 6 2x2 (802.11 a/b/g/n/ac/ax) Supports 2.4/5GHz frequency band, Bluetooth v5.2
Audio	Realtek ALC1220-VB codec, High Definition Audio, 2/4/5.1/7.1-channel
Accessories	<ul style="list-style-type: none"> 2x 15.6" 16:9 full HD portable monitors 2x Barco Nio MDNC-3521 21", 3MP monitors Cyber Acoustics AC-840 microphone headset External USB DVDRW Optical Drive
Operating Systems	Windows 11 Pro 64-bit
Power	650W 80 PLUS GOLD fully modular power supply
Physical	Edge system: 6.67" (169.41mm) D x 16.75" (425.45mm) W x 13.69" (347.73mm) H
Transport Case	2x rugged cases with extending handle and wheels for transporting complete system and accessories.
Warranty	1 year parts and labor. 2nd and 3rd year warranty options
Purpose-Built Solutions	Private label branding options. Purpose built application integration and configuration control management services.