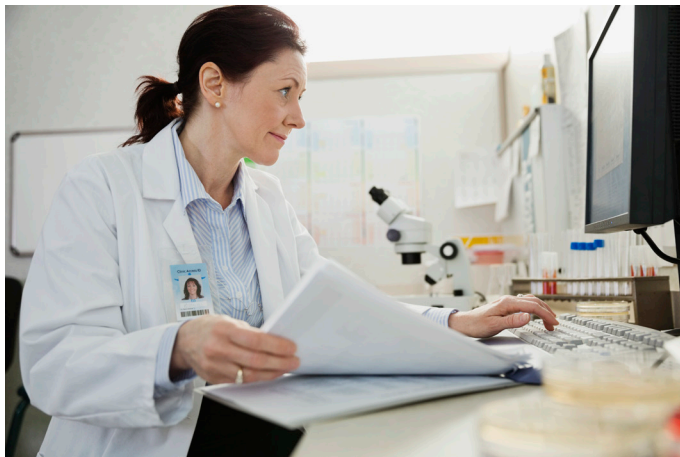# Precision 7875 Tower
The Right Fit For Healthcare

Technology is transforming healthcare and patient care. With AI taking advantage of the latest workstation enhancements, healthcare professionals are enabling shorter research time and improved drug development, while incorporating AR and VR into their daily tasks can contribute to improved medical outcomes. Elsewhere, clipboards and doctors' rounds are being replaced with high-definition screens for better patient care.

Healthcare and Life Science firms are putting increased demands on their supporting hardware. The Precision 7875 Tower with AMD Ryzen™ Threadripper™ PRO processors combines high core counts with high boost frequencies to get your results in real time, all with the support and reliability you've come to expect from Dell.

PACS, VNA, and Patient Care

Healthcare organizations need to keep pace with unprecedented data speeds and volumes generated by higher resolution medical images and share those images between different facilities.

Image quality and consistency are vitally important to achieving a precise diagnosis. The Dell Precision 7875 Tower provides the horsepower and expandability necessary to quickly respond to client needs while supporting the wide variety of displays and peripherals required.

EHR and EMR

Using Electronic Health Records, Electronic Medical Records, and longitudinal care plans improves communication and coordination between healthcare providers and their patients.

The high clock speeds in the AMD Ryzen™ Threadripper™ PRO processors provide fast access to patient data cross-site and cross service provider. Additionally, the Dell Precision 7875 Tower comes with a broad set of security features to protect that data, as well as reliability features to keep that data accessible when needed.

Research and Development

Clinical research and medical training have become more streamlined than ever, with advances in technology creating a more afforable, effective, and standardized research environment.

With the Dell Precision 7875 Tower, researchers are able to analyze and action large data sets using the high core counts available in the AMD Ryzen™ Threadripper™ PRO processors. Additionally, with the wide range of professional graphics available, they are also able to display those results on high performance, high resolution displays in great detail.

VR, AR, MR, AI, ML, DL

Emerging technologies such as Virtual, Augmented, and Mixed Reality, alongside Artifical Intelligence, Machine Learning, and Deep Learning are allowing for more immersive and effective collaboration on healthcare workflows.

The Dell Precision 7875 Tower, with its support for a wide range of high-end professional graphics cards, delivers the power to run demanding VR and AR applications, while the AMD Ryzen™ Threadripper™ PRO processors provide the power to implement cognitive technology platforms including AI and its subsets ML and DL.