Cenova Image Analytics Server
System Requirements

The Cenova™ software installation kit provides the tools to install the current Cenova software on hardware that meets minimum system requirements. The kit includes the following:

- Software disks
- License(s)
- Installation instructions
- User documentation

Cenova provides the capabilities necessary to integrate powerful mammography software applications. To ensure satisfactory performance, the hardware and software must meet certain minimum requirements. This document outlines the computer hardware and software requirements, and the supported clinical software applications.

Hologic recommends installation of the software on a server computer that is dedicated solely to the Cenova product. Other CPU- or memory-intensive applications can degrade product performance.

⚠ ***Note:*** *During the Cenova application installation, supporting software (e.g., IIS, SQL DB, .NET 3.5) is also installed, which can interfere with existing applications on the server.*

Clinical Software Applications, Inputs, and Outputs	
Software Release	Cenova 4.0 and later
Optional Applications	ImageChecker® Computer-Aided Detection (CAD) uses sophisticated algorithms to identify and mark regions of interest on routine 2D screening and diagnostic mammograms (and on synthesized 2D images from digital breast tomosynthesis* generated by Hologic). ImageChecker® 3D Calc CAD software is used to identify and mark regions of interest on digital breast tomosynthesis datasets.* Quantra™ software calculates breast density categories from Hologic screening digital breast X-ray images.
Input	DICOM Digital Mammography X-Ray Image – For Processing DICOM Digital Mammography X-Ray Image – For Presentation DICOM Secondary Capture Image – Raw Projection DICOM Secondary Capture Image – Raw Generated 2D Images
Output	DICOM Mammography CAD SR DICOM Secondary Capture Image DICOM Radiotherapy Structure Set DICOM Digital Mammography X-Ray Image – For Presentation Paper Printouts (printer not included)

*Not available for sale in all markets

Cenova Minimum Hardware Specifications	
Cenova Server for 2D Applications	
Operating System	Windows 10 LTSC 2019
Processor	Xeon 3.1 GHz
Memory	8 GB ECC
Hard Drive	1 TB
Ethernet	10/100/1000 BASE-T
CD-RW/DVD Drive	Read/Write
Cenova Server for 3D Applications	
Operating System	Windows 10 LTSC 2019
Processor	Xeon 2.4 GHz
Memory	32 GB ECC
Hard Drive	2 TB
GPU	NVIDIA Quadro K5000 GPU (or equivalent)
Video	VGA 1024 x 768
Ethernet	10/100/1000 BASE-T
CD-RW/DVD Drive	Read/Write

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