

**Recommended Hardware Specifications – New
&
Minimum Hardware Specifications**

<http://www.varian.com/hardwarespecs>

Eclipse™ treatment planning system
Calculation & Non-Calculation Hardware

Version 10

Recommended: Eclipse™ treatment planning system Non-Calculation Workstation Requirements

Platform:	DELL® OptiPlex 960 (small form factor)
Processor:	(Single) Intel® Core™ 2 Duo E8400 with VT/3.0GHz,6M,1333MHz FSB
Bus Type:	PCI-E
Memory (RAM)^[2]:	8GB DDR2 Non-ECC SDRAM, 800MHz
Hard Drives: (Local Storage)	≥ 250GB SATA-II 3.0Gb/s and 8MB Data Burst Cache
Drive Controller:	SATA-II controller
Video Card/Adapter:	256MB ATI RADEON HD 3450 with DVI and VGA out
Optical Drive:	Internal Slim optical DVD + RW
Network Interface:	1 LOM 10/100/1000Mbps, compatible with the network operating system and cabling.
Monitor: (Optional)	<ul style="list-style-type: none"> • 17" LCD monitor capable of 1280 x 1024 at > 60 Hz. • 20" LCD monitor capable of 1600 x 1200 at > 60 Hz.
Keyboard:	101-key IBM®-compatible
Mouse:	Microsoft® Windows-compatible 2-button scroll mouse
Operating System:	<ul style="list-style-type: none"> • Eclipse (10.0)²: Windows 7 Ultimate (64-bit) • Eclipse (8.8): Windows XP Professional SP2 & SP3 (32-bit and 64-bit) • Eclipse (8.6)¹: Windows XP Professional SP2 & SP3 (32-bit and 64-bit)

Windows® MUI Packs:	<ul style="list-style-type: none"> XP Pro Multilingual User Interface License and MUI Software CD for XP Operating System (International Purchase Option)
Microsoft Windows Installer:	3.1
Microsoft® .NET Framework:	Eclipse (8.6, 8.8, & 10.0): 1.1, 2.0, 3.0, and 3.5
File System:	NT File System (NTFS)
Windows® OS Architecture:	64-bit
Ports:	1 parallel, 1 serial, minimum 2 USB

NOTES:

1. Customers, who require the use and access of EclipseSV version 10.0 from an ARIA version 10.0 workstation, will use the Eclipse version 10.0 hardware specifications instead of this ARIA for Radiation Oncology Information System (OIS) Workstation specification.
2. Windows® Vista® is not a validated operating system for Eclipse Version 10.0.
3. Windows 7 SP1 is NOT a validated operating system for Eclipse v10.0 at this time.
4. Other supported operating systems for Eclipse v10 is Windows XP Professional SP2 (64 bit only).
5. Client workstations usually do not require uninterruptible power supplies. However, they may be needed in areas that experience frequent brown outs or brief power drop outs.
6. 4D Integrated Treatment Console (4DITC), Varian Treatment (VT), Eclipse and Eclipse SV hardware is provided by Varian as a software/hardware package.
7. Specifications subject to change without notice as newer computer models become available.

Recommended: Eclipse™ treatment planning system Dose Calculation Workstation

Platform:	DELL® Precision T5500 (mini-tower form factor)
Processor:	(Dual) Intel® Xeon™ E5620 with VT/2.4GHz, 12M, 1333MHz FSB
Bus Type:	PCI-E
Memory (RAM)^[2]:	24GB DDR3 ECC SDRAM, 1333MHz
Hard Drives: (Local Storage)	≥ 250GB SATA-II 3.0Gb/s and 8MB Data Burst Cache
Drive Controller:	SATA-II controller
Video Card/Adapter:	256MB ATI FirePro V3750 with DVI and DisplayPort output
Optical Drive:	Internal optical DVD + RW
Network Interface:	1 LOM 10/100/1000Mbps, compatible with the network operating system and cabling.
Monitor: (Optional)	<ul style="list-style-type: none"> • 17" LCD monitor capable of 1280 x 1024 at > 60 Hz. • 20" LCD monitor capable of 1600 x 1200 at > 60 Hz.
Keyboard:	101-key IBM®-compatible
Mouse:	Microsoft® Windows-compatible 2-button scroll mouse
Operating System:	<ul style="list-style-type: none"> • Eclipse (10.0)¹: Windows 7 Ultimate (64-bit) • Eclipse (8.8)¹: Windows XP Professional SP2 & SP3 (32-bit and 64-bit) • Eclipse (8.6)¹: Windows XP Professional SP2 & SP3 (32-bit and 64-bit)

Windows® MUI Packs:	XP Pro Multilingual User Interface License and MUI Software CD for XP Operating System (International Purchase Option)
Microsoft Windows Installer:	3.1
Microsoft® .NET Framework:	Eclipse (8.6, 8.8, & 10.0): 1.1, 2.0, 3.0, and 3.5
File System:	NT File System (NTFS)
Windows® OS Architecture:	64-bit
Ports:	1 parallel, 1 serial, minimum 2 USB

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3. Other supported operating systems for Eclipse v10 is Windows XP Professional SP2 (64 bit only).
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Minimum: Eclipse™ treatment planning system Non-Calculation Workstation Requirements

Platform:	DELL® OptiPlex 755 (small form factor)
Processor:	(Single) Intel® Core™ 2 Duo E6550 with VT/2.33GHz,4M,1333MHz FSB
Bus Type:	PCI-E
Memory (RAM)^[2]:	Eclipse (8.6, 8.8): 4GB DDR2 Non-ECC SDRAM, 667MHz Eclipse (10.0): 8GB DDR2 Non-ECC SDRAM,800MHz
Hard Drives: (Local Storage)	≥ 80GB SATA-II 3.0Gb/s and 8MB Data Burst Cache
Drive Controller:	SATA-II controller
Video Card/Adapter:	256MB ATI RADEON HD 2400 with DVI output
Optical Drive:	Internal Slim optical DVD + RW
Network Interface:	1 LOM 10/100/1000Mbps, compatible with the network operating system and cabling.
Monitor: (Optional)	<ul style="list-style-type: none"> • 17" LCD monitor capable of 1280 x 1024 at > 60 Hz. • 20" LCD monitor capable of 1600 x 1200 at > 60 Hz.
Keyboard:	101-key IBM®-compatible
Mouse:	Microsoft® Windows-compatible 2-button scroll mouse
Operating System:	<ul style="list-style-type: none"> • Eclipse (10.0): Windows XP Professional SP2 (64-bit) • Eclipse (8.8): Windows XP Professional SP2 & SP3 (32-bit and 64-bit) • Eclipse (8.6)¹: Windows XP Professional SP2 & SP3 (32-bit and 64-bit)

Windows® OS Service Packs:	<ul style="list-style-type: none"> Eclipse (8.6, 8.8, 10.0): Windows XP SP2
Windows® MUI Packs:	<ul style="list-style-type: none"> XP Pro Multilingual User Interface License and MUI Software CD for XP Operating System (International Purchase Option)
Microsoft Windows Installer:	3.1
Microsoft® .NET Framework:	Eclipse (8.6, 8.8, & 10.0): 1.1, 2.0, 3.0, and 3.5
File System:	NT File System (NTFS)
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Minimum: Eclipse™ treatment planning system Dose Calculation Workstation Requirements

Platform:	DELL® Precision 490 (mini-tower form factor)
Processor:	(Dual or Single-Europe Only) Intel® Xeon™ 5150 with VT/2.66GHz,4M,1333MHz FSB
Bus Type:	PCI-E
Memory (RAM)^[2]:	Eclipse (8.6, 8.8): 4GB DDR2 ECC SDRAM, 667MHz Eclipse (10.0): 16GB DDR2 ECC SDRAM, 800MHz
Hard Drives: (Local Storage)	≥ 73GB SAS 3.0Gb/s and 8MB Cache or 250GB SATA-II 3.0Gb/s and 8MB Data Burst Cache (Europe Only)
Drive Controller:	SAS 5i/r PCI-E card or SATA-II controller
Video Card/Adapter:	256MB nVidia Quadro FX 3500 with dual DVI output or 256MB ATI Radeon x1950 with dual DVI output (Europe only)
Optical Drive:	Internal optical DVD + RW
Network Interface:	1 LOM 10/100/1000Mbps, compatible with the network operating system and cabling.
Monitor: (Optional)	<ul style="list-style-type: none"> • 17" LCD monitor capable of 1280 x 1024 at > 60 Hz. • 20" LCD monitor capable of 1600 x 1200 at > 60 Hz.
Keyboard:	101-key IBM®-compatible
Mouse:	Microsoft® Windows-compatible 2-button scroll mouse
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3. 4D Integrated Treatment Console (4DITC), Varian Treatment (VT), Eclipse and Eclipse SV hardware is provided by Varian as a software/hardware package and specifications differ from those listed on this website.
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