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Schick CDR System Requirements

The Patterson Technology Center has developed the following list of minimum hardware requirements and certified components in order to ensure successful use of the Schick Digital X-ray and Video Capture products. These components were tested and used with Schick products and provide the best possible platform for implementing Schick CDR systems in the dental office. The following table applies to all Schick equipment. **We cannot stress enough the importance of using the listed components.**

ITEM	MINIMUM	RECOMMENDED	NOTES
	Windows XP Professional or Windows Vista Home Premium (See Notes)	Windows XP Professional or Windows Vista Home Premium or Vista Business or Vista Ultimate	Schick standard sensors, wireless sensors, and panoramic retrofit kits are supported on XP Professional and Vista. <i>Note that CDR DICOM 4.5 is required on Vista. CDR HS Remotes can be used with Windows XP and XP (64-bit) systems. For Vista 64-bit systems, we recommend only CDR DICOM 4.5 client installations (not single-user or server) with CDR HS Remotes.</i>
STANDALONE WORKSTATION OR NETWORK CLIENT	Intel Pentium IV or AMD 3GHz or higher 1 GB RAM USB 1.1 or 2.0 Port	Intel Pentium D or Intel Core 2 Duo processor 2 GB RAM USB 2.0 Port	Laptops that meet the system requirements described on this page may serve also as portable workstations. We are NOT recommending Toshiba Satellites.
	Intel, VIA, SIS, ALI, or NEC USB Controllers	Intel PCI to USB Controller	
	80 GB HD	250 GB HD Raid Level 1	
NETWORK SERVER (IMAGE STORAGE)	Windows 2003 Server 1 GB RAM 200 GB Hard Disk	Windows 2003 Server and TCP/IP networking protocols 2 GB RAM 500 GB Hard Disk	These image sizes are typical: Size 2 intraoral (600 KB), Size 1 intraoral (500 KB), Size 0 intraoral (400 KB), video (1 MB), panoramic (3-4 MB approx), and cephalometric (3-4.5 MB approx).
DATABASE (PATIENT AND IMAGE INFORMATION)	MSDE SQL Server 2000 (see Notes) or SQL Server Express 2005	SQL Server 2005	<i>Note that SQL Server 2005 is required on Vista operating systems.</i>
PRINTERS	Photo Quality Inkjet with 2880 dpi resolution or Laserjet with 600 dpi resolution	Photo Quality Inkjet with 9600 dpi resolution or Laserjet with 1200 dpi resolution	Known issues exist with the Epson C Series printers. For current information on printer compatibility, contact technical support.
VIDEO DEVICES	Winnov Videum 1000 VO Plus (PCI)	Belkin Hi-Speed USB DVD Creator, or ATI All-In-Wonder PCIE Capture Cards, or Nvidia Personal Cinema AGP Cards	Commercial video card manufacturers update their products frequently, making cards recommended for older Schick cameras difficult to find at retail. If you cannot locate a recommended video card, contact technical support for the latest information. <i>USBCam and USBCam2 do not require a capture card.</i>
ADDITIONAL SOFTWARE	(See Notes)	(See Notes)	Any version of Microsoft Word starting with Word 97 is compatible with, and required for, Schick CDR reports.
MONITORS	CRT with .28 dot pitch @ 800x600 or Flat Screen LCD with 400:1 contrast ratio @ 1024x768 resolution	CRT with .25 dot pitch @ 1024x768 or Flat Screen LCD with 450:1 contrast ratio @ 1280x1024 resolution	
USB FOOTPEDAL	(See Notes)	(See Notes)	SCHICK Part# 2501100; PDCO Part# 07-0410100