

Hardware Requirements for all Protech DVR Boards v.12.10.X

Available PCI slots to accommodate the PCI Protech Capture boards, serial COM Port for PTZ controls (optional).

Operating Systems*	<ul style="list-style-type: none"> ▪ Windows® 7 only 32 bit Editions with all Windows updates installed, UAC disabled, Administrator account required, Aero Interface disabled ▪ Windows® Vista only 32 bit Editions with all Windows updates installed, UAC disabled, Administrator account required, Aero Interface disabled ▪ Windows® XP Professional 32 bit with Service Pack 3, all Windows updates and latest DirectX updates installed, Administrator account required 	
Processors**	For up to 16 channels	For 32 channels
	<ul style="list-style-type: none"> ▪ Intel DualCore 1.8 GHz or higher ▪ Intel Core 2 Duo ▪ Intel Core 2 Quad 	<ul style="list-style-type: none"> ▪ Intel DualCore 2.0 GHz or higher ▪ Intel Core 2 Duo ▪ Intel Core 2 Quad
Memory**	For up to 16 channels	For 32 channels
	<ul style="list-style-type: none"> ▪ 1 GB Memory (dual channel recommended) or more 	<ul style="list-style-type: none"> ▪ 2 GB Memory (dual channel recommended) or more
Motherboards	Motherboards supported with the following Intel® chipsets only: <ul style="list-style-type: none"> ▪ Intel® G31/G33/G41 Express Chipset ▪ Intel® P41/P43/P45 Express Chipset ▪ Intel® 915/945/955/965/975 Express Chipset 	
Video Adapters***	ATI Radeon PCI-Express based X300 or higher, with ATI Catalyst 9.3 drivers installed	
Power Supply****	For up to 16 channels	For 32 channels
	<ul style="list-style-type: none"> ▪ 350W ATX or more 	<ul style="list-style-type: none"> ▪ 500W ATX or more
Hard Drives	>250GB SATA 7200 RPM, 16MB Buffer or better, surveillance type recommended such as: Seagate SV35, Hitachi Cinemastar, Western Digital AV	
Mobile Connectivity (optional)	<ul style="list-style-type: none"> • Windows Mobile based phones (touch screen based only, with WM5.0, 6.0 or 6.5) • Apple iPhone 3G/3GS (basic remote view thru iPhone internet browser) 	

*For the best performance, System Restore, Standby, Hibernate, Disk Defragmenter, Screen Savers, and all other power saving options must be disabled in your system. For Internet and Network Connectivity to the system, Windows Firewall must be turned off. To avoid issues resulted from interaction with our software, Anti Spyware or Anti Virus Software must not be installed, running or present in your system, with the exception of Microsoft® Security Essentials. Battery Backup Source is highly recommended for your system, based on your computer power requirements.

** Increased memory and cpu speed may be necessary when multiple users are executing tasks simultaneously on the system. For AMX and H.264 boards under Windows Vista or Windows 7, minimum amount of system memory must be 2 GB.

***All video adapters must have a minimum of 128 MB dedicated memory. For up to 16 channels, Intel® integrated onboard video controllers can be used with the latest drivers from Intel® website.

****More power wattage may be necessary when multiple hard drives are used.

Note: Specifications and requirements may change without notice, call us or check our website for the latest updates.