Altair
Innovation Intelligence™

Altair® HyperWorks® 11.0

Recommended Graphic Board Hardware List

The following table lists the recommended CAE/CAD graphic boards for use with the Altair HyperWorks suite of applications. Please note that the most recent vendor drivers should be used and all driver support for these cards should be addressed to the appropriate manufacturer of the graphic board.

Manufacturer	Adaptor Type		Driver Version
Desktop/Workstation	2007-2009	2009-2010	
AMD ATI (Visualization FireGL and FirePro Series)	**Ultra High-end** ATI FireGL V8650 ATI FireGL V8600 ATI FireGL V7700 **High-end** ATI FireGL V7600 **Mid-Range** ATI FireGL V5600 **Entry** ATI FireGL V3600	**Ultra High-end** ATI FirePro V8750 ATI FirePro V8700 **High-end** ATI FirePro V7750 **Mid-Range** ATI FirePro V5700 **Entry** ATI FirePro V3750 ATI FirePro V3700	Windows XP (x86): 8.683 Windows XP 64-bit (x86_64): 8.683 Windows Vista 32-bit (x86): 8.683 Windows Vista 64-bit (x86_64): 8.683 Windows 7 32-bit (x86): 8.683 Windows 7 64-bit (x86_64): 8.683 Linux 32-bit (x86): 8.683 Linux 64-bit (x86_64): 8.683 **The "Altair HyperWorks" profile has been now implemented through AMD/ATI's AutoDetect technology and will be dynamically and automatically enabled through the Altair HyperWorks product executables.**
NVIDIA (Quadro FX Series)	**Ultra High-end** Quadro FX 5600 **High-end** Quadro FX 4800 Quadro FX 4600 Quadro FX 3700 **Mid-Range** Quadro FX 1700 **Entry** Quadro FX 570 Quadro FX 370	**Ultra High-end** Quadro FX 5800 **High-end** Quadro FX 4800 Quadro FX 3800 **Mid-Range** Quadro FX 1800 **Entry** Quadro FX 580 Quadro FX 380	Windows XP (x86): 191.78 Windows XP 64-bit (x86_64): 191.78 Windows Vista 32-bit (x86): 191.78 Windows Vista 64-bit (x86_64):191.78 Windows 7 32-bit (x86):191.78 Windows 7 64-bit (x86_64):191.78 Linux 32-bit (x86): 190.53 Linux 64-bit (x86_64): 190.53 **The "Altair HyperWorks" profile has now been implemented through nVIDIA's ACE (Application Configuration Engine) implementation to dynamically set the Altair HyperWorks profile via the application executables.**

Laptop Workstations	2007-2008	2009-2010	Driver Version
AMD ATI (FireGL mobility)	FireGL V5200 FireGL V3200	**N/A**	***NOTE***Please check with manufacturer or laptop vendor OEM for official driver support and for most recent driver updates.
NVIDIA (Quadro FX mobility)	Quadro FX 370M	Quadro FX 3800M Quadro FX 3700M Quadro FX 2800M Quadro FX 2700M Quadro FX 1800M Quadro FX 1700M Quadro FX 880M Quadro FX 770M Quadro FX 380M	***NOTE***Please check with manufacturer or laptop vendor OEM for official driver support and for most recent driver updates.