

Pro/ENGINEER Wildfire 4.0 Hardware Support - Hewlett Packard

Last Updated: February 1, 2008

[Pro/ENGINEER Wildfire 3.0](#), [Pro/ENGINEER Wildfire 2.0](#), [Wildfire](#)

[Click here for operating system requirements](#)

Machine	O/S	Graphics Hardware	Driver Version	Date Certified or Supported	Release Datecode	Status
Windows						
xw8600	Windows XP Professional	NVIDIA Quadro FX570	162.52	31-Jan-08	C000	Supported
		NVIDIA Quadro FX1700	162.52	31-Jan-08	C000	Supported
	Windows XP Professional x64	NVIDIA Quadro FX4600	162.52	31-Jan-08	C000	Supported
xw6600	Windows XP Professional	NVIDIA Quadro FX570	162.52	31-Jan-08	C000	Supported
		NVIDIA Quadro FX1700	162.52	31-Jan-08	C000	Supported
	Windows XP Professional x64	NVIDIA Quadro FX4600	162.52	31-Jan-08	C000	Supported
xw460c	Windows XP Professional	NVIDIA Quadro FX1600m	160.02	08-Jan-08	C000	Supported
xw4550	Windows Vista Business	NVIDIA Quadro FX1700	162.52	08-Jan-08	C000	Supported
	Windows XP Professional	NVIDIA Quadro FX570	162.52	09-Oct-07	C000	Supported
		NVIDIA Quadro FX370	162.52	09-Oct-07	C000	Supported
xw4600	Windows Vista Business 64 Bit	NVIDIA Quadro FX4600	162.52	29-Nov-07	C000	Supported
		NVIDIA Quadro FX3500	162.52	18-Dec-07	C000	Supported
		NVIDIA Quadro FX1700	162.52	18-Dec-07	C000	Supported
	Windows XP Professional x64	NVIDIA Quadro FX4600	162.52	18-Dec-07	C000	Supported
		NVIDIA Quadro FX3500	162.52	18-Dec-07	C000	Supported
		NVIDIA Quadro FX1700	162.52	18-Dec-07	C000	Supported
	Windows XP Professional	NVIDIA Quadro FX370	162.52	08-Jan-08	C000	Supported
		NVIDIA Quadro FX3500	162.52	18-Oct-07	C000	Supported
		NVIDIA Quadro FX4600	162.52	18-Oct-07	C000	Supported
		NVIDIA Quadro FX570	162.52	27-Sep-07	C000	Supported
		NVIDIA Quadro FX1700	162.52	27-Sep-07	C000	Supported
8710w	Windows Vista Business 32 and 64 Bit	NVIDIA Quadro FX1600M	156.55	08-Jan-08	C000	Supported
		NVIDIA Quadro FX1600M	156.31	08-Jan-08	C000	Supported
	Windows XP Professional x64	NVIDIA Quadro FX1600M	156.55	18-Oct-07	C000	Supported
			156.31	18-Oct-07	C000	Supported
	Windows XP Professional	NVIDIA Quadro FX1600M	156.31	14-Sep-07	C000	Supported
8510w	Windows Vista	NVIDIA Quadro	156.55	08-Jan-08	C000	Supported

	Business 32 and 64 Bit	FX570M				
		NVIDIA Quadro FX570M	156.31	08-Jan-08	C000	Supported
	Windows XP Professional x64	NVIDIA Quadro FX570M	156.55	18-Oct-07	C000	Supported
			156.31	18-Oct-07	C000	Supported
	Windows XP Professional	NVIDIA Quadro FX570M	156.31	14-Sep-07	C000	Supported
xw9400	Windows Vista Business 32 and 64 Bit	NVIDIA FX4600	101.70	11-Jul-07	C000	Supported
		NVIDIA FX3500	101.70	11-Jul-07	C000	Supported
xw9400	Windows XP Professional x64	NVIDIA Quadro FX1500	84.80	13-Jun-2007	C000	Supported
	Windows XP Professional, Service Pack 2	NVIDIA Quadro FX4500	84.80	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX3500	84.80	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX1500	84.80	13-Jun-2007	C000	Supported
xw8400	Windows Vista Business 32 and 64 Bit	NVIDIA FX4600	101.70	11-Jul-07	C000	Supported
		NVIDIA FX3500	101.70	11-Jul-07	C000	Supported
xw8400	Windows XP x64	NVIDIA Quadro FX5500	91.47	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX4500	84.80	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX3500	84.80	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX1500	84.80	13-Jun-2007	C000	Supported
	Windows XP Professional, Service Pack 2	ATI FireGL V3300	8.223.4.1.1	13-Jun-2007	C000	Supported
		ATI FireGL V7200	8.223.4.1.1	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX560	84.80	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX1500	84.80	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX3500	84.80	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX4500	84.80	13-Jun-2007	C000	Supported
xw6400	Windows Vista Business 32 and 64 Bit	NVIDIA FX4600	101.70	11-Jul-07	C000	Supported
		NVIDIA FX3500	101.70	11-Jul-07	C000	Supported
xw6400	Windows XP x64	NVIDIA Quadro FX4500	84.80	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX3500	84.80	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX1500	84.80	13-Jun-2007	C000	Supported
	Windows XP Professional, Service Pack 2	ATI FireGL V3300	8.223.4.1.1	13-Jun-2007	C000	Supported
		ATI FireGL V7200	8.223.4.1.1	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX560	84.80	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX1500	84.80	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX3500	84.80	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX4500	84.80	13-Jun-2007	C000	Supported
Xw4400	Windows Vista Business 32 and 64 Bit	NVIDIA FX4600	101.70	11-Jul-07	C000	Supported
		NVIDIA FX3500	101.70	11-Jul-07	C000	Supported
xw4400	Windows XP x64	NVIDIA Quadro FX4500	84.80	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX3500	84.80	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX1500	84.80	13-Jun-2007	C000	Supported
		ATI FireGL V7200	8.223.4.1.1	13-Jun-2007	C000	Supported

	Windows XP Professional, Service Pack 2	ATI FireGL V3300	8.223.4.1.1	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX560	84.80	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX1500	84.80	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX3500	84.80	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX4500	84.80	13-Jun-2007	C000	Supported
nw9440	Windows XP Professional, Service Pack 2	NVIDIA Quadro FX1500M	84.64	13-Jun-2007	C000	Supported
nw8440	Windows XP Professional, Service Pack 2	ATI Mobility FireGL V5200	8.223.4.1.1	13-Jun-2007	C000	Supported
xw9300	Windows XP Professional, Service Packs 1 and 2	NVIDIA Quadro FX1400	81.67	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX3400	81.67	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX3450	81.67	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX540	81.67	13-Jun-2007	C000	Supported
	Windows XP x64	NVIDIA Quadro FX3450	81.67	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX1400	81.67	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX3400	81.67	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX4500	81.67	13-Jun-2007	C000	Supported
xw4200	Windows XP Professional, Service Packs 1 and 2	NVIDIA Quadro FX3450	81.67	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX540	81.67	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX1400	81.67	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX3400	81.67	13-Jun-2007	C000	Supported
xw4300	Windows XP SP2	NVIDIA Quadro FX540	81.67	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX1400	81.67	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX3400	81.67	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX3450	81.67	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX4500	81.67	13-Jun-2007	C000	Supported
	Windows XP x64	NVIDIA Quadro FX1400	81.67	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX3400	81.67	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX3450	81.67	13-Jun-2007	C000	Supported
xw8200	Windows XP Professional, Service Packs 1 and 2	NVIDIA Quadro FX4500	81.67	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX540	81.67	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX1400	81.67	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX3400	81.67	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX3450	81.67	13-Jun-2007	C000	Supported
	Windows XP x64	NVIDIA Quadro FX4500	81.67	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX3450	81.69	13-Jun-2007	C000	Supported
			81.67	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX1400	81.67	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX3400	81.69	13-Jun-2007	C000	Supported
			81.67	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX4500	81.67	13-Jun-2007	C000	Supported

xw6200	Windows XP Professional, Service Packs 1 and 2	NVIDIA Quadro FX540	81.67	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX1400	81.67	13-Jun-2007	C000	Supported
	Windows XP x64	NVIDIA Quadro FX1400	81.67	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX3450	81.69	13-Jun-2007	C000	Supported
			81.67	13-Jun-2007	C000	Supported
		NVIDIA Quadro FX3400	81.69	13-Jun-2007	C000	Supported
			81.67	13-Jun-2007	C000	Supported

NOTES

1. www.hp.com/go/framework is the repository for HP-certified graphics ATI and NVIDIA drivers for Pro/ENGINEER.
2. There are no specific operating system requirements to run PTC products on Hewlett-Packard equipment with the Windows platform.

UNIX

C8000	HP-UX 11iV15	ATI FireGL X3	See note 3	27-May-05	C000	Supported
		ATI FireGL X1	See note 2	27-May-05	C000	Supported
		ATI FireGL T2-128	See note 2	27-May-05	C000	Supported
VISUALIZE Workstation C3700, C3750, J6700, J6750	HP-UX 11iV15	FireGL-UX	See note 1	27-May-05	C000	Supported

NOTES

1. C8000 with ATI FireGL X1 or ATI T2-128 also requires the minimum following HP-UX 11iV1 software:
 - o Graphics & Technical Computing Software version B.11.11.13 (or later)
 - o HP-UX Hardware Enablement Patch HP-UX 11iV1 December 2003 version B.11.11.0312.4 (or later)
2. C8000 with ATI FireGL X3 requires the minimum following HP-UX 11iV1 software:
 - o June 2004 HWEnable11i (or later)
 - o June 2004 GoldBASE11i (or later)
 - o PHSS_31281 Xserver cumulative patch
 - o PHSS_31270 3D Common Run
 - o PHSS_31271 PEX 5.1/Starbase/Hardcopy Run
 - o PHSS_31276 OpenGL 1.1 Run
3. www.hp.com/go/framework is the repository for HP-certified graphics ATI and NVIDIA drivers for Pro/ENGINEER.
The command "uname -a" returns HP-UX 11.11.

HP-UX Operating System Requirements: All PTC Products

HP-UX 11iV1 (11.11)

Product	Revision
HP-UX 11i Technical Computing Operating Environment (TCOE)	latest
Goldbase 11i Quality Pack	Goldbase Patches December 2004 B.11.11.0412.5
X Server Cumulative Patch	PHSS_32939
3D Common Runtime Patch	PHSS_32928

OpenGL 1.1 Runtime Patch	PHSS_32934
aC++ -AA Runtime Libraries (aCC A.03.61)	PHSS_32573 or later
s700_800 11.11 ld(1) and linker tools cumulative patch	PHSS_35385 or later
HP-UX 11.11 Strong Random Number Generator	http://software.hp.com/portal/swdepot/displayProductInfo.do?productNumber=KRNG11
Kernel Parameters Recommended (All HP-UX Operating Systems)	
SAM Tuned Kernel Parameter set	CAE/ME/General Eng Workstation 64-bit Kernel (New 10/99)
Notes: 1. HP-UX Enhancement Releases as well as many optional products are available to download from http://software.hp.com and follow the "Enhancement Releases" link. 2. Individual HP-UX patches can be obtained from http://itrc.hp.com/. 3. Information on HP and PTC partnership can be found at http://www.hp.com/workstations/segments/mcad/ptc/index.html. 4. For further information, please consult http://rdweb.ptc.com/MDS/certification_wcms/platform_pages/www.hp.com/go/workstationsupport for all system-level drivers, software updates, and documentation.	