

## PTC Creo 3.0 Hardware Support – Hewlett Packard

Last updated: June 8, 2015

The [Desktop Virtualization Environment Support – HP](#) table displays at the end of this document, after the standard Creo certification table.

All drivers listed in this document available from your workstation manufacturer. Do not attempt to search AMD(ATI) or NVIDIA websites as those hardware vendors often will only have current (latest) drivers available which in most cases HAVE NOT BEEN TESTED by PTC.

Graphics drivers certified for HP Z workstations and Elite Book mobile workstations are available for download from HP Performance Advisor. For more information about HP Performance Advisor go to <http://www.hp.com/go/hpperformanceadvisor>.

If multiple certified or supported drivers are listed for a particular hardware configuration, PTC recommends using the latest configuration posted.

PTC recommends customers planning on upgrading to Creo 3.0 should consider moving to 64-bit hardware as 32-bit platforms will not allow you to experience the best Creo performance and may not be supported on future versions of Creo.

Machine	O/S	Graphics Hardware	Driver Version	Date Certified or Supported	Minimum Supported Datecode	Status
Z1	Windows 7 32 and 64-bit	NVIDIA Quadro 1000M	276.28	24-May-2012	F000	<a href="#">Supported N+1</a>
		NVIDIA Quadro 3000M				
		NVIDIA Quadro 4000M				
		NVIDIA Quadro K3000M	306.68	14-Jan-2013		
		NVIDIA Quadro K4000M				
Z1 G2	Windows 8.1 32 and 64-bit	NVIDIA Quadro K610M	331.82	06-Mar-2014	F000	<a href="#">Supported N+1</a>
		NVIDIA Quadro K2100M	331.82	06-Mar-2014		
		NVIDIA Quadro K3100M	331.82	06-Mar-2014		
		NVIDIA Quadro K4100M	331.82	06-Mar-2014		
	Windows 7 32 and 64-bit	NVIDIA Quadro K610M	331.82	20-Jan-2014		
		NVIDIA Quadro K2100M	331.82	20-Jan-2014		
		NVIDIA Quadro K3100M	331.82	20-Jan-2014		
		NVIDIA Quadro K4100M	331.82	20-Jan-2014		
Z220 SFF (Small Form Factor)	Windows 7 32 and 64-bit	AMD FirePro V3900	8.911.3.6	17-Oct-2012	F000	<a href="#">Supported N+1</a>
		NVIDIA Quadro 600	276.28	08-Jun-2012		
Z210	Windows 7 32 and 64-bit	NVIDIA Quadro 2000	275.89	05-Dec-2011	F000	<a href="#">Supported N+2</a>
		AMD FirePro V5900	8.83.5.4			
Z220, Z220 CMT (Convertible Minitower)	Windows 7 32 and 64-bit	NVIDIA Quadro 600	276.28	08-Jun-2012	F000	<a href="#">Supported N+1</a>
		NVIDIA Quadro 2000				
		AMD FirePro V3900	8.911.3.6	17-Oct-2012		
		AMD FirePro V4900	8.911.3.6	12-Nov-2012		
		AMD FirePro V5900				

Machine	O/S	Graphics Hardware	Driver Version	Date Certified or Supported	Minimum Supported Datecode	Status
		NVIDIA Quadro K600	311.15	28-Mar-2013		
		NVIDIA Quadro K2000				
		NVIDIA Quadro K4000				
		AMD FirePro W7000	12.104.2	08-Jul-2013		
Z230	Windows 7 32 and 64-bit	NVIDIA Quadro K2000	311.44	06-Aug-2013	F000	<a href="#">Supported N+1</a>
		NVIDIA Quadro K4000	311.44	27-Aug-2013		
		AMD FirePro W7000	12.104.2	17-Sep-2013		
		INTEL HD Graphics P4600	9.18.10.3257	03-Dec-2013		
		NVIDIA Quadro K620	340.52	04-Sep-2014		
		NVIDIA Quadro K2200	340.52	04-Sep-2014		
		NVIDIA Quadro K4200	340.52	04-Sep-2014		
		AMD FirePro W5100	14.301.1014	04-Feb-2015		
Z230 SFF	Windows 7 32 and 64-bit	NVIDIA Quadro K600	311.44	15-Oct-2013	F000	<a href="#">Supported N+1</a>
		NVIDIA Quadro K620	340.52	04-Sep-2014		
		NVIDIA Quadro K1200	347.52	22-Mar-2015		
Z400	Windows 7 32 and 64-bit	NVIDIA Quadro 2000	275.89	05-Dec-2011	F000	<a href="#">Supported N+2</a>
		NVIDIA Quadro 4000				
		AMD FirePro V5900	8.83.5.4			
		AMD FirePro V7900				
Z420	Windows 7 32 and 64-bit	NVIDIA Quadro 2000	276.28	24-May-2012	F000	<a href="#">Supported N+1</a>
		NVIDIA Quadro 4000				
		NVIDIA Quadro 600	276.28	25-Jun-2012		
		NVIDIA Quadro K5000	306.68	19-Dec-2012		
		NVIDIA Quadro 5000	276.28	24-Oct-2012		
			306.68	19-Dec-2012		
		AMD FirePro V5900	8.911.3.6	19-Dec-2012		
		AMD FirePro V7900				
		NVIDIA Quadro K600	311.15	28-Mar-2013		
		NVIDIA Quadro K2000				
		NVIDIA Quadro K4000				
		AMD FirePro W7000	12.104.2	08-Jul-2013		
Z440	Windows 7 32 and 64-bit	NVIDIA Quadro K620	340.52	04-Sep-2014	F000	<a href="#">Supported N+1</a>
		NVIDIA Quadro K2200	340.52	04-Sep-2014		
		NVIDIA Quadro K4200	340.52	04-Sep-2014		
		NVIDIA Quadro K5200	340.52	04-Sep-2014		
		AMD FirePro W7100	14.301.1014	04-Feb-2015		
	Windows 8.1 32 and 64-bit	NVIDIA Quadro K2200	340.52	04-Feb-2015		
Z600	Windows 7 32 and 64-bit	NVIDIA Quadro 2000	275.89	05-Dec-2011	F000	<a href="#">Supported N+2</a>

Machine	O/S	Graphics Hardware	Driver Version	Date Certified or Supported	Minimum Supported Datecode	Status
		NVIDIA Quadro 4000				
		AMD FirePro V5900	8.83.5.4			
		AMD FirePro V7900				
Z620	Windows 7 32 and 64-bit	NVIDIA Quadro 2000	276.28	24-May-2012	F000	<a href="#">Supported N+1</a>
		NVIDIA Quadro 4000				
		NVIDIA Quadro 600	276.28	25-Jun-2012		
		NVIDIA Quadro 5000	276.28	24- Oct -2012		
			306.68	19-Dec-2012		
		AMD FirePro V5900	8.911.3.6	19-Dec-2012		
		AMD FirePro V7900				
		NVIDIA Quadro K5000	306.68	19-Dec-2012		
		NVIDIA Quadro K600	311.15	28-Mar-2013		
		NVIDIA Quadro K2000				
		NVIDIA Quadro K4000				
		AMD FirePro W7000	12.104.2	08-Jul-2013		
Z640	Windows 7 32 and 64-bit	NVIDIA Quadro K620	340.52	04-Sep-2014	F000	<a href="#">Supported N+1</a>
		NVIDIA Quadro K2200	340.52	04-Sep-2014		
		NVIDIA Quadro K4200	340.52	04-Sep-2014		
		NVIDIA Quadro K5200	340.52	04-Sep-2014		
Z800	Windows 7 32 and 64-bit	NVIDIA Quadro 2000	275.89	05-Dec-2011	F000	<a href="#">Supported N+2</a>
		NVIDIA Quadro 4000				
		AMD FirePro V5900	8.83.5.4			
		AMD FirePro V7900				
		NVIDIA Quadro FX4800	306.68	09-Jan-2013	F000	<a href="#">Supported N+1</a>
Z820	Windows 7 32 and 64-bit	NVIDIA Quadro 2000	276.28	24-May-2012	F000	<a href="#">Supported N+1</a>
		NVIDIA Quadro 4000				
		NVIDIA Quadro 600	276.28	25-Jun-2012		
		NVIDIA Quadro 5000	276.28	24- Oct -2012		
			306.68	19-Dec-2012		
		NVIDIA Quadro K5000	306.68	19-Dec-2012		
		AMD FirePro V5900	8.911.3.6	19-Dec-2012		
		AMD FirePro V7900				
		NVIDIA Quadro K600	311.15	28-Mar-2013		
		NVIDIA Quadro K2000				
		NVIDIA Quadro K4000				
		AMD FirePro W7000	12.104.2	08-Jul-2013		
	Windows 7 64-bit	NVIDIA Quadro K4000 + Tesla K20 *	311.15	03-Apr-2013	F000	<a href="#">Supported N+1</a>

Machine	O/S	Graphics Hardware	Driver Version	Date Certified or Supported	Minimum Supported Datecode	Status
Z840	Windows 7 32 and 64-bit	NVIDIA Quadro K620	340.52	22-Sep-2014	F000	<a href="#">Supported</a> N+1
		NVIDIA Quadro K2200	340.52	22-Sep-2014		
		NVIDIA Quadro K4200	340.52	22-Sep-2014		
		NVIDIA Quadro K5200	340.52	22-Sep-2014		
ZBook 14 G2	Windows 7 32 and 64-bit	AMD FirePro M4150	14.301.1002.1006	27-Apr-2015	F000	<a href="#">Supported</a> N+1
	Windows 8.1 32 and 64-bit	AMD FirePro M4150	14.301.1002.1006	06-Jun-2015	F000	<a href="#">Supported</a> N+1
ZBook 14	Windows 7 32 and 64-bit	AMD FirePro M4100	13.101.1	29-Jan-2014	F000	<a href="#">Supported</a> N+1
ZBook 15u G2	Windows 7 32 and 64-bit	AMD FirePro M4170	14.301.1002.1006	27-Apr-2015	F000	<a href="#">Supported</a> N+1
ZBook 15 G2	Windows 7 32 and 64-bit	NVIDIA Quadro K610M	333.56	25-Nov-2014	F000	<a href="#">Supported</a> N+1
		NVIDIA Quadro K1100M	333.56	25-Nov-2014		
		NVIDIA Quadro K2100M	333.56	25-Nov-2014		
		AMD FirePro M5100	14.301.1003.1003	22-Jan-2015		
	Windows 8.1 32 and 64-bit	NVIDIA Quadro K2100M	333.56	14-Feb-2015	F000	<a href="#">Supported</a> N+1
ZBook 15	Windows 7 32 and 64-bit	NVIDIA Quadro K610M	312.33	08-Oct-2013	F000	<a href="#">Supported</a> N+1
		NVIDIA Quadro K1100M	312.33	08-Oct-2013		
		NVIDIA Quadro K2100M	312.33	08-Oct-2013		
ZBook 17 G2	Windows 7 32 and 64-bit	AMD FirePro M6100	14.301.1003.1003	22-Jan-2015	F000	<a href="#">Supported</a> N+1
		NVIDIA Quadro K3100M	333.56	31-Jan-2015		
		NVIDIA Quadro K2200M	341.22	24-Feb-2015		
ZBook 17	Windows 7 32 and 64-bit	NVIDIA Quadro K610M	312.33	08-Oct-2013	F000	<a href="#">Supported</a> N+1
		NVIDIA Quadro K3100M	312.33	08-Oct-2013		
		NVIDIA Quadro K4100M	312.33	08-Oct-2013		
		NVIDIA Quadro K5100M	312.33	08-Oct-2013		
8770w	Windows 7 32 and 64-bit	AMD FirePro M4000	8.951.6.15	11-Sep-2012	F000	<a href="#">Supported</a> N+1
		NVIDIA Quadro K3000M	297.03	01-Nov-2012		
		NVIDIA Quadro K4000M	297.03	05-Dec-2012		
		NVIDIA Quadro K5000M	297.03	05-Dec-2012		
8570w	Windows 7 32 and 64-bit	NVIDIA Quadro K2000M	297.03	23-Aug-2012	F000	<a href="#">Supported</a> N+1
		NVIDIA Quadro K1000M				
		AMD FirePro M4000	8.951.6.15	11-Sep-2012		

#### NOTES

\* PTC Creo does not directly utilize the Tesla K20 but it has been included as part of Creo certification of HP Z820 + Quadro 'Kepler' generation cards such as the K2000, K4000, and K5000. For more information on NVIDIA Maximus <http://www.nvidia.com/object/maximus.html>

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Creo 3.0 uses advanced OpenGL 4.0 capabilities that are necessary to support Order Independent Transparency – this functionality will not be available on systems with graphics cards which support OpenGL 3.x or earlier, such as Quadro FX.

## Desktop Virtualization Environment Support - HP

Server Hardware	Hypervisor	VDI Server Software Stack	VDI Software Stack OS	VM Client	Graphics Mode	Graphics Card	Driver Version	Date Certified or Supported	Minimum Supported Datecode	Status
DL380z	Citrix XenServer 6.2 SP1	Citrix XenDesktop 7.5	Windows Server 2008R2	Windows 7 64 bit	GPU Pass Through	NVIDIA Grid K2	332.76	07-Jul-2014	F000	<a href="#">Supported</a> N+1

### Client Configuration

PTC has tested the above virtualized desktop environments with Windows 7 and Windows 8 desktops and laptops. Please consult your virtualization technology provider on the recommendations for the client hardware.

**New certifications are currently in progress.**

**Please check back later for further updates.**