

PTC Creo 4.0 Hardware Support – Hewlett Packard

Last updated: August 23, 2021

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.

Creo 4.0 is not supported on Windows 32 Bit platforms.

Machine	O/S	Graphics Hardware	Driver Version	Date Certified or Supported	Minimum Supported Datecode	Status
Z1	Windows 7 64 Bit	NVIDIA Quadro 1000M	276.28	24-May-2012	F000	Supported N+2
		NVIDIA Quadro 3000M				
		NVIDIA Quadro 4000M				
		NVIDIA Quadro K3000M	306.68	14-Jan-2013		
		NVIDIA Quadro K4000M				
Z1 G2	Windows 8.1 64 Bit	NVIDIA Quadro K610M	331.82	06-Mar-2014	F000	Supported N+2
		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 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		
Z1 G3	Windows 10 64 Bit	NVIDIA Quadro M1000M	361.91	19-May-2016	F000	Supported N+2
Z2 G5 Mini	Windows 10 64 Bit	NVIDIA Quadro T2000	451.48	21-Sep-2020	F000	Certified
Z2 G5 SFF	Windows 10 64 Bit	NVIDIA Quadro P400	451.48	10-Nov-2020	F000	Certified
		NVIDIA Quadro P620	451.48	10-Nov-2020		
		NVIDIA Quadro P1000	451.48	10-Nov-2020		
Z2 G5 Tower	Windows 10 64 Bit	NVIDIA Quadro RTX4000	451.48	10-Nov-2020	F000	Certified
		NVIDIA Quadro RTX5000	451.48	10-Nov-2020		
		AMD Radeon Pro W5700	20.10.32	20-Jan-2021		
Z2 G4 Mini	Windows 10 64 Bit	NVIDIA Quadro P620	391.33	05-Sep-2018	F000	Certified
		NVIDIA Quadro P1000	391.33	05-Sep-2018		

Machine	O/S	Graphics Hardware	Driver Version	Date Certified or Supported	Minimum Supported Datecode	Status
Z2 G4 SFF	Windows 10 64 Bit	NVIDIA Quadro P400	391.33	13-Aug-2018	F000	Certified
		NVIDIA Quadro P600	391.33	13-Aug-2018		
		NVIDIA Quadro P620	391.33	13-Aug-2018		
		NVIDIA Quadro P1000	391.33	13-Aug-2018		
Z2 G4 Tower	Windows 10 64 Bit	NVIDIA Quadro P2000	391.33	24-Jul-2018	F000	Certified
		NVIDIA Quadro P400	391.33	13-Aug-2018		
		NVIDIA Quadro P600	391.33	13-Aug-2018		
		NVIDIA Quadro P620	391.33	13-Aug-2018		
		NVIDIA Quadro P1000	391.33	13-Aug-2018		
		NVIDIA Quadro RTX4000	411.95	12-Apr-2019		
		NVIDIA Quadro RTX5000	411.95	12-Apr-2019		
		AMD Radeon Pro WX3200	19.10.02.01	12-Sep-2019		
		NVIDIA Quadro P2200	431.70	09-Dec-2019		
		AMD Radeon Pro W5500	19.40.01.22-191211a-350172C-HP	17-Jul-2020		
Z2 Mini G3	Windows 7 64 Bit	NVIDIA Quadro M620	372.95	06-Feb-2017	F000	Supported N+2
	Windows 10 64 Bit	NVIDIA Quadro M620	372.95	28-Dec-2016	F000	Supported N+2
Z2 G8 SFF	Windows 10 64 Bit	NVIDIA Quadro RTX3000	462.31	12-May-2021	F000	Certified
Z2 G8 Tower	Windows 10 64 Bit	NVIDIA Quadro T1000	462.31	18-May-2021	F000	Certified
		NVIDIA Quadro RTX A4000	462.31	13-Aug-2021		
Z220 SFF (Small Form Factor)	Windows 7 64 Bit	AMD FirePro V3900	8.911.3.6	17-Oct-2012	F000	Supported N+2
		NVIDIA Quadro 600	276.28	08-Jun-2012		
Z220, Z220 CMT (Convertible Minitower)	Windows 7 64 Bit	NVIDIA Quadro 600	276.28	08-Jun-2012	F000	Supported N+2
		NVIDIA Quadro 2000		08-Jun-2012		
		AMD FirePro V3900	8.911.3.6	17-Oct-2012		
		AMD FirePro V4900	8.911.3.6	12-Nov-2012		
		AMD FirePro V5900				
		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 64 Bit	NVIDIA Quadro K2000	311.44	06-Aug-2013	F000	Supported N+2
		NVIDIA Quadro K4000	311.44	27-Aug-2013		
		AMD FirePro W7000	12.104.2	17-Sep-2013		

Machine	O/S	Graphics Hardware	Driver Version	Date Certified or Supported	Minimum Supported Datecode	Status
		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 64 Bit	NVIDIA Quadro K600	311.44	15-Oct-2013	F000	Supported N+2
		NVIDIA Quadro K620	340.52	04-Sep-2014		
		NVIDIA Quadro K1200	347.52	22-Mar-2015		
Z240 SFF	Windows 7 64 Bit	NVIDIA Quadro K620	354.13	24-Nov-2015	F000	Supported N+2
		AMD FirePro W4300	15.201.2401	03-Apr-2016		
		NVIDIA Quadro K1200	361.91	02-Jan-2017		
		NVIDIA Quadro P400	375.86	05-Sep-2017		
		NVIDIA Quadro P600	375.86	05-Sep-2017		
		NVIDIA Quadro P1000	375.86	05-Sep-2017		
	Windows 10 64 Bit	NVIDIA Quadro P400	385.69	13-Feb-2018	F000	Supported N+2
		NVIDIA Quadro P600	385.69	13-Feb-2018		
		NVIDIA Quadro P1000	385.69	13-Feb-2018		
		NVIDIA Quadro K620	385.69	20-Mar-2018		
		NVIDIA Quadro K1200	385.69	26-Mar-2018		
Z240 Tower	Windows 7 64 Bit	NVIDIA Quadro K2200	354.13	24-Nov-2015	F000	Supported N+2
		NVIDIA Quadro M4000	354.13	23-Dec-2015		
		AMD FirePro W5100	15.20.1045	09-Feb-2016		
		NVIDIA Quadro K620	354.13	24-Nov-2015		
		AMD FirePro W4300	15.201.2401	03-Apr-2016		
		NVIDIA Quadro M2000	361.91	19-Apr-2016		
		NVIDIA Quadro P2000	375.86	20-Apr-2017		
		AMD Radeon Pro WX4100	16.50.2701	14-May-2017		
		NVIDIA Quadro P400	375.86	05-Sep-2017		
		NVIDIA Quadro P600	375.86	05-Sep-2017		
		NVIDIA Quadro P1000	375.86	05-Sep-2017		
	Windows 10 64 Bit	NVIDIA Quadro M2000	361.91	28-May-2016	F000	Supported N+2
		NVIDIA Quadro P2000	375.86	20-Apr-2017		
		NVIDIA Quadro P400	385.69	13-Feb-2018		
		NVIDIA Quadro P600	385.69	13-Feb-2018		
		NVIDIA Quadro P1000	385.69	13-Feb-2018		
		NVIDIA Quadro K620	385.69	20-Mar-2018		
		NVIDIA Quadro K1200	385.69	26-Mar-2018		

Machine	O/S	Graphics Hardware	Driver Version	Date Certified or Supported	Minimum Supported Datecode	Status
Z4 G4	Windows 7 64 Bit	NVIDIA Quadro P4000	391.33	24-Jul-2018	F000	Certified
	Windows 10 64 Bit	NVIDIA Quadro P400	390.77	24-Jul-2018	F000	Certified
		NVIDIA Quadro P600	390.77	24-Jul-2018		
		NVIDIA Quadro P620	390.77	24-Jul-2018		
		NVIDIA Quadro P1000	390.77	24-Jul-2018		
		NVIDIA Quadro RTX4000	411.95	12-Apr-2019		
		NVIDIA Quadro RTX5000	411.95	12-Apr-2019		
		NVIDIA Quadro P2200	430.64	31-Aug-2019		
		NVIDIA Quadro P4000	385.69	29-Nov-2017	F000	
		NVIDIA Quadro P5000	385.69	29-Nov-2017		
	NVIDIA Quadro P2000	385.69	08-Mar-2018			
	Z420	Windows 7 64 Bit	NVIDIA Quadro 2000	276.28	24-May-2012	F000
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 64 Bit	NVIDIA Quadro K620	340.52	04-Sep-2014	F000	Supported N+2
		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		
		NVIDIA Quadro M4000	358.87	17-Jan-2016		
		NVIDIA Quadro M2000	361.91	19-Apr-2016		
		NVIDIA Quadro P4000	375.86	04-May-2017		
	Windows 8.1 64 Bit	NVIDIA Quadro K2200	340.52	04-Feb-2015	F000	
	Windows 10	NVIDIA Quadro M4000	361.91	13-May-2016	F000	

Machine	O/S	Graphics Hardware	Driver Version	Date Certified or Supported	Minimum Supported Datecode	Status
	64 Bit	NVIDIA Quadro M2000	361.91	28-May-2016		N+2
		NVIDIA Quadro P4000	375.86	04-May-2017		
Z6 G4	Windows 10 64 Bit	NVIDIA Quadro P400	385.69	02-Jan-2018	F000	Supported N+2
		NVIDIA Quadro P600	385.69	02-Jan-2018		
		NVIDIA Quadro P1000	385.69	02-Jan-2018		
Z620	Windows 7 64 Bit	NVIDIA Quadro 2000	276.28	24-May-2012	F000	Supported N+2
		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 64 Bit	NVIDIA Quadro K620	340.52	04-Sep-2014	F000	Supported N+2
		NVIDIA Quadro K2200	340.52	04-Sep-2014		
		NVIDIA Quadro K4200	340.52	04-Sep-2014		
		NVIDIA Quadro K5200	340.52	04-Sep-2014		
		NVIDIA Quadro M4000	358.87	17-Jan-2016		
Z8 G4	Windows 10 64 Bit	NVIDIA Quadro P2000	385.69	29-Nov-2017	F000	Supported N+2
		NVIDIA Quadro RTX4000	411.95	29-Jun-2019	F000	Certified
		NVIDIA Quadro RTX5000	411.95	29-Jun-2019		
Z800	Windows 7 64 Bit	NVIDIA Quadro FX4800	306.68	09-Jan-2013	F000	Supported N+2
Z820	Windows 7 64 Bit	NVIDIA Quadro 2000	276.28	24-May-2012	F000	Supported N+2
		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				

Machine	O/S	Graphics Hardware	Driver Version	Date Certified or Supported	Minimum Supported Datecode	Status
		AMD FirePro W7000	12.104.2	08-Jul-2013		
		NVIDIA Quadro K4000 + Tesla K20 *	311.15	03-Apr-2013		
Z840	Windows 7 64 Bit	NVIDIA Quadro K620	340.52	22-Sep-2014	F000	Supported N+2
		NVIDIA Quadro K2200	340.52	22-Sep-2014		
		NVIDIA Quadro K4200	340.52	22-Sep-2014		
		NVIDIA Quadro K5200	340.52	22-Sep-2014		
		NVIDIA Quadro M5000	358.87	01-Feb-2016		
		NVIDIA Quadro M4000	358.87	17-Jan-2016		
ZBook X2 G4	Windows 10 64 Bit	NVIDIA Quadro M620	385.94	11-Apr-2018	F000	Supported N+2
ZBook Studio X360	Windows 10 64 Bit	NVIDIA Quadro P1000	391.48	19-Nov-2018	F000	Certified
ZBook Studio G7	Windows 10 64 Bit	NVIDIA Quadro T2000	451.67	24-Nov-2020	F000	Certified
		NVIDIA Quadro T1000	460.89	20-Jan-2021		
ZBook Studio G4	Windows 10 64 Bit	NVIDIA Quadro M1200	377.43	05-Sep-2017	F000	Supported N+2
ZBook Studio G3	Windows 7 64 Bit	NVIDIA Quadro M1000M	354.61	23-Mar-2016	F000	Supported N+2
	Windows 10 64 Bit	NVIDIA Quadro M1000M	354.61	05-May-2016	F000	Supported N+2
ZBook Power G7	Windows 10 64 Bit	NVIDIA Quadro T1000	460.89	20-Jan-2021	F000	Certified
ZBook Fury 15 G7	Windows 10 64 Bit	NVIDIA Quadro RTX 3000	460.89	20-Jan-2021	F000	Certified
		NVIDIA Quadro T2000	460.89	07-Mar-2021		
ZBook FireFly 14 G8	Windows 10 64 Bit	NVIDIA Quadro T500	461.40	09-Mar-2021	F000	Certified
ZBook 14u G6	Windows 10 64 Bit	AMD Radeon Pro WX3200	18.50.26	30-Oct-2019	F000	Certified
ZBook 14u G5	Windows 10 64 Bit	AMD Radeon Pro WX3100	17.40.1026.1003-171128a-321921C-HP	01-Jun-2018	F000	Certified
ZBook 14u G4	Windows 10 64 Bit	AMD FirePro W4190	16.50.2701	08-Apr-2017	F000	Supported N+2
ZBook 14 G7	Windows 10 64 Bit	NVIDIA Quadro P520	451.67	16-Nov-2020	F000	Certified
ZBook 14 G2	Windows 7 64 Bit	AMD FirePro M4150	14.301.1002.1006	27-Apr-2015	F000	Supported N+2
	Windows 8.1 64 Bit	AMD FirePro M4150	14.301.1002.1006	06-Jun-2015	F000	Supported N+2
ZBook 14	Windows 7 64 Bit	AMD FirePro M4100	13.101.1	29-Jan-2014	F000	Supported N+2
ZBook 15 G6	Windows 10 64 Bit	NVIDIA Quadro RTX3000	425.66	23-Sep-2019	F000	Certified
		NVIDIA Quadro T1000	425.66	23-Sep-2019		
		NVIDIA Quadro T2000	425.66	23-Sep-2019		
ZBook 15 G4	Windows 10	NVIDIA Quadro M2200	377.43	16-Aug-2017	F000	Supported

Machine	O/S	Graphics Hardware	Driver Version	Date Certified or Supported	Minimum Supported Datecode	Status
	64 Bit	NVIDIA Quadro P3000	377.43	16-Aug-2017		N+2
		NVIDIA Quadro M620	377.43	21-Sep-2017		
ZBook 15 G5	Windows 10 64 Bit	AMD Radeon Pro WX4150	17.50.25.14	21-Sep-2018	F000	Certified
		NVIDIA Quadro P1000	391.48	21-Sep-2018		
		NVIDIA Quadro P2000	391.48	03-Oct-2018		
ZBook 15v G5	Windows 10 64 Bit	NVIDIA Quadro P600	391.03	05-Sep-2018	F000	Certified
ZBook 15u G5	Windows 10 64 Bit	AMD Radeon Pro WX3100	17.40.1026.1003- 171128a-321921C- HP	01-Jun-2018	F000	Certified
ZBook 15u G4	Windows 10 64 Bit	AMD FirePro W4190	16.50.2701	08-Apr-2017	F000	Supported N+2
ZBook 15u G3	Windows 7 64 Bit	AMD FirePro W4190M	15.201.2601.1003	28-May-2016	F000	Supported N+2
ZBook 15 G3	Windows 7 64 Bit	NVIDIA Quadro M1000M	354.61	23-Mar-2016	F000	Supported N+2
		NVIDIA Quadro M2000M	354.61	03-Apr-2016		
		NVIDIA Quadro M600M	354.90	08-Sep-2016		
	Windows 10 64 Bit	NVIDIA Quadro M1000M	354.61	05-May-2016	F000	Supported N+2
		NVIDIA Quadro M600M	356.49	18-Oct-2016		
		NVIDIA Quadro M2000M	376.99	06-Jun-2017		
ZBook 15u G2	Windows 7 64 Bit	AMD FirePro M4170	14.301.1002.1006	27-Apr-2015	F000	Supported N+2
ZBook 15 G2	Windows 7 64 Bit	NVIDIA Quadro K610M	333.56	25-Nov-2014	F000	Supported N+2
		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 64 Bit	NVIDIA Quadro K2100M	333.56	14-Feb-2015	F000	Supported N+2
ZBook 15	Windows 7 64 Bit	NVIDIA Quadro K610M	312.33	08-Oct-2013	F000	Supported N+2
		NVIDIA Quadro K1100M	312.33	08-Oct-2013		
		NVIDIA Quadro K2100M	312.33	08-oct-2013		
ZBook 17 G6	Windows 10 64 Bit	NVIDIA Quadro RTX3000	425.66	14-Oct-2019	F000	Certified
		NVIDIA Quadro RTX4000	425.66	14-Oct-2019		
ZBook 17 G5	Windows 10 64 Bit	NVIDIA Quadro P3200	391.48	21-Sep-2018	F000	Certified
ZBook 17 G4	Windows 10 64 Bit	NVIDIA Quadro P3000	377.43	16-Aug-2017	F000	Supported N+2
ZBook 17 G3	Windows 7	NVIDIA Quadro M2000M	354.61	03-Apr-2016	F000	Supported

Machine	O/S	Graphics Hardware	Driver Version	Date Certified or Supported	Minimum Supported Datecode	Status
	64 Bit	NVIDIA Quadro M3000M	354.61	19-Apr-2016		N+2
	Windows 10 64 Bit	NVIDIA Quadro M3000M	431.98	28-Apr-2020	F000	Certified
ZBook 17 G2	Windows 7 64 Bit	AMD FirePro M6100	14.301.1003.1003	22-Jan-2015	F000	Supported N+2
		NVIDIA Quadro K3100M	333.56	31-Jan-2015		
		NVIDIA Quadro K2200M	341.22	24-Feb-2015		
ZBook 17	Windows 7 64 Bit	NVIDIA Quadro K610M	312.33	08-Oct-2013	F000	Supported N+2
		NVIDIA Quadro K3100M	312.33	08-Oct-2013		
		NVIDIA Quadro K4100M	312.33	08-Oct-2013		
		NVIDIA Quadro K5100M	312.33	08-Oct-2013		
ZCentral 4R	Windows 10 64 Bit	NVIDIA Quadro RTX 4000	460.89	20-Jan-2021	F000	Certified
		NVIDIA Quadro RTX 5000	460.89	20-Jan-2021		
8770w	Windows 7 64 Bit	AMD FirePro M4000	8.951.6.15	11-Sep-2012	F000	Supported N+2
		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 64 Bit	NVIDIA Quadro K2000M	297.03	23-Aug-2012	F000	Supported N+2
		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>

Creo 4.0 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.

The latest graphics driver from AMD (15.201.2601.1003) has been found to resolve several random Creo exits. You should install this driver version if you are experiencing this exit condition.

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	Supported N+2

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.