

Driver Installation Order & Summary Guide

This driver Installation Summary Guide provides detailed information for the following Viglen products. This guide provides information on Hardware ID and associated device driver required to successfully configure Microsoft® operating systems. Two sets of drivers are available:

Full Driver Sets – Contains full driver set for Automatic installation.

INF Driver Package – Contains drivers in extracted INF format for manual driver installation via Device Manager, or use with Microsoft® Deployment toolkit (MDT), Microsoft® System Centre Configuration Manager (SCCM).

Driver DVD: WDXDCD72	Motherboard: Viglen Vig450J
Revision: 1.1 Release Date: July 2015	Viglen Part code: PMPFS450

Intel Rapid Storage Technology Driver:

Bios SATA Controller Mode	Controller
AHCI	Intel(R) C600+/C220+ series chipset SATA AHCI Controller
RAID SATA Mode	Intel(R) C600+/C220+ series chipset SATA RAID Controller

Unknown / Other Devices in Device Manager:

Hardware Devices Listed in device Manager	Hardware ID	Associated Driver	INF Drivers
IDE ATA/ATPI Controllers			
Standard AHCI 1.0 serial ATA Controller	PCI\VEN_8086&DEV_8D02	AHCI	Intel(R) C600+/C220+ series chipset SATA AHCI Controller
Intel(R) C600+/C220+ series chipset SATA RAID	PCI\VEN_8086&DEV_1D6B	RAID	Intel(R) C600+/C220+ series chipset SATA RAID Controller
Other devices			
Audio Device on High Definition Audio Bus	HDAUDIO\FUNC_01&VEN_10EC&DEV_0671	Sound Driver	Realtek High Definition Audio
Ethernet Controller	PCI\VEN_8086&DEV_1533	LAN driver	Intel(R) I210 Gigabit Network Connection
Ethernet Controller	PCI\VEN_8086&DEV_153	LAN driver	Intel(R) Ethernet Connection I217-LM
PCI Simple Communication Controller	PCI\VEN_8086&DEV_1D3A	IAMT	Intel(R) Management Engine Interface
SM BUS Controller	PCI\VEN_8086&DEV_8D22	Chipset	Intel(R) C610 series/X99 chipset SMBus Controller - 8D22
	PCI\VEN_8086&DEV_8D18		Intel(R) C610 series/X99 chipset PCI Express Root Port #5 - 8D18
Universal Serial BUS (USB) controller	PCI\VEN_8086&DEV_8D2D	USB3.0	Intel(R) C610 series/X99 chipset USB Enhanced Host Controller #2 - 8D2D
Universal Serial BUS (USB) controller	PCI\VEN_8086&DEV_8D26	USB3.0	Intel(R) C610 series/X99 chipset USB Enhanced Host Controller #1 - 8D26
Trusted Platform Module 1.2	ACPI\PNP0C31	TPM	Infineon Trusted Platform Module
Unknown Device	ACPI\FUJ02E3	ACPI	Fujitsu FUJ02E3 Device Driver

Important: When downloading drivers from Viglen FTP site, unzip them to a folder and make a note of the download path so that you can find them later.



PROPRIETARY

Note: Not all driver updates require a restart. Even if you're not prompted, we always recommend restarting the system. The driver update process involves changes to the Windows registry and other important areas of your computer and restarting is a good way to confirm that updating drivers hasn't negatively impacted some other area of Windows.

Windows 7 (32 & 64Bit)		Driver/Utility			
Installation order		Executable File		Silent Switch	Comments
		Windows 7 32 Bit	Windows 7 64 Bit		
1	Chipset:	INF_allIOS_9.4.2.1019_PV-Kit60188	INF_allIOS_9.4.2.1019_PV-Kit60188	setup -s	
2	Audio: Realtek HD Audio	Audio_V6.0.1.7224_Win8.1_Win7_32bit	Audio_V6.0.1.7224_Win8.1_Win7_64bit	setup -s	
3	LAN: Intel(R) Gigabit	Intel_LAN_19.3_Win7_Win8.1-32	Intel_LAN_19.3_Win7_Win8.1-64	setup -s	
4	AMT: Intel(R) Management	Intel_ME_Win7_Win8.1_10.0.28.1006	Intel_ME_Win7_Win8.1_10.0.28.1006	setup -s	
5	USB3.0	Intel_USB_3.0_xHC_3.0.2.54_PV_Win7_32-64Bit	Intel_USB_3.0_xHC_3.0.2.54_PV_Win7_32-64Bit		
6	AHCI/RAID: Intel® Matrix Storage Manager	Intel_RSTe_4.1.0.1046 Intel_RSTe_4.1.0.1046_F6-drivers	Intel_RSTe_4.1.0.1046 Intel_RSTe_4.1.0.1046_F6-drivers		
7	ACPI	FUJ02E3_DeviceDriver_V1.20.0_Win7_allIOS	FUJ02E3_DeviceDriver_V1.20.0_Win7_allIOS		

Windows 8.1 (32 & 64Bit)		Driver/Utility			
Installation order		Executable File		Silent Switch	Comments
		Windows 8 32 Bit	Windows 8 64 Bit		
1	Chipset:	INF_allIOS_9.3.2.1010_Kit5320	INF_allIOS_9.3.2.1010_Kit5320	setup -s	
2	Audio: Realtek HD Audio	Audio_8.32.43.0_WHQL_Win7Win8x86	Audio_8.32.43.0_WHQL_Win7Win8x64	setup -s	
3	LAN: Intel(R) Gigabit	Intel_LAN_19.3_Win7_Win8.1-32	Intel_LAN_19.3_Win7_Win8.1-64	setup -s	
4	AMT: Intel(R) Management	Intel_ME_Win7_Win8.1_10.0.28.1006	Intel_ME_Win7_Win8.1_10.0.28.1006	setup -s	
5	AHCI/RAID: Intel® Matrix Storage Manager	Intel_RSTe_4.1.0.1046 Intel_RSTe_4.1.0.1046_F6-drivers	Intel_RSTe_4.1.0.1046 Intel_RSTe_4.1.0.1046_F6-drivers		
6	ACPI	FUJ02E3_DeviceDriver_V1.30.1_Win8.1_allIOS	FUJ02E3_DeviceDriver_V1.30.1_Win8.1_allIOS		

Windows 10 (64Bit)		Driver/Utility			
Installation order		Executable File		Silent Switch	Comments
		Windows 10 64Bit			
1	Chipset:	Intel_Chipset_Win10_10.1.2.8		setup -s	
2	Audio: Realtek HD Audio	Realtek_HD_Audio_6.0.1.7576_Win7-8-Win10_64bit		setup -s	
3	LAN: Intel(R) Gigabit	Intel_LAN_V20.2_Win10_x64		setup -s	
4	AMT: Intel(R) Management	Intel_ME_Win10_11.0.0.1156		setup -s	
5	AHCI/RAID: Intel® Matrix Storage Manager	Intel_RSTe_4.3.0.1219_PV_GUI-Kit108370_Win10 RSTe_4.3.0.1198_F6-Drivers			
6	ACPI	FUJ02E3_DeviceDriver_V1.30.3_Win10			

PROPRIETARY

Other Driver/Software

The following table lists WinPE, NDIS2 Lan drivers and Microsoft update/patch list.

Driver/Utility		
Folder Name	Win PE LAN driver	NDIS2_DOS
Win PE_NDIS2_LAN Driver	LAN_Win7_32Bit_12.11.97.0	Intel_LAN_DOS_V6.01
	LAN_Win7_64Bit_12.11.97.0	
	LAN_Win8.1_32Bit_12.11.97.0	
	LAN_Win8.1_64Bit_12.11.97.0	

Drivers and latest BIOS are available from Viglen FTP site:

Vig450J: <http://download.viglen.co.uk/files/Motherboards/Vig450J/>

Graphics Cards

*** Graphics Driver for External VGA card can be downloaded from Viglen FTP site: <http://www.viglen.co.uk/viglen/support/ftpgraphics.aspx> or

AMD ATI - <http://support.amd.com/us/gpudownload/Pages/index.aspx>

nVidia - <http://www.nvidia.com/Download/index.aspx?lang=en-us>

For BIOS, Drivers and Documentation enquiries please contact Viglen Technical Support Department on technical@viglen.co.uk.

Remember to include your PC serial number in all correspondence.