

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 Vig440J
Revision: 1.1 Release Date: Oct 2013	Viglen Part code: PMPFS440

Intel Rapid Storage Technology Driver:

Bios SATA Controller Mode	Controller
AHCI	Intel(R) C600 Series Chipset SATA AHCI Controller
RAID SATA Mode	Intel(R) C600 Series Chipset SAS RAID Controller (SATA mode)
RAID SAS Mode	Intel(R) C600 Series Chipset SAS 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_1D02	AHCI	Intel(R) C600 Series Chipset SATA AHCI Controller
Intel(R) C600 Series Chipset SAS RAID	PCI\VEN_8086&DEV_1D69	RAID	Intel(R) C600 Series Chipset SAS RAID Controller
Intel(R) C600 Series Chipset SAS RAID (SATA mode)	PCI\VEN_8086&DEV_1D6B	RAID	Intel(R) C600 Series Chipset SAS RAID Controller
Other devices			
Audio Device on High Definition Audio Bus	HDAUDIO\FUNC_01&VEN_14F1&DEV_50A2	Sound Driver	Conexant HD Audio
Ethernet Controller	PCI\VEN_8086&DEV_1502	LAN driver	Intel(R) 82579LM Gigabit Network Connection
PCI Serial port	VEN_8086&DEV_1D3D	IAMT	Intel(R) Active Management Technology - SOL
PCI Simple Communication Controller	PCI\VEN_8086&DEV_1D3A	IAMT	Intel(R) Management Engine Interface
SM BUS Controller	VEN_8086&DEV_1D22	Chipset	Intel(R) C600/X79 series chipset SMBus Host Controller - 1D22
Universal Serial BUS (USB) controller	VEN_104C&DEV_8241	USB3.0	Texas Instruments XHCI Controller
(Only appears under Vista and Windows 7) Unknown Device	USB\TIUSB_D_Hub&VID_040E	USB3.0	Texas Instruments USB Root Hub
(Only appears under Windows XP) Unknown Device	ACPI\NFX010211	TPM	Infineon Trusted Platform Module

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			
		Executable File		Silent Switch	Comments
Installation order		Windows 7 32 Bit	Windows 7 64 Bit		
1	Chipset:	INF_allIOS_9.3.2.1010_Kit5320	INF_allIOS_9.3.2.1010_Kit5320	setup -s	
2	Audio: Conexant HD Audio	Audio_8.32.43.0_WHQL_Win7Win8x86	Audio_8.32.43.0_WHQL_Win7Win8x64	setup -s	
3	LAN: Intel(R) Gigabit	LAN_Intel_PROWin7_32_18.5.exe	LAN_Intel_PROWin7_64_18.5.exe	setup -s	
4	AMT: Intel(R) Management	iAMT_allIOS_8.1.40.1359_PV	iAMT_allIOS_8.1.40.1359_PV	setup -s	
5	USB3.0	TexasInstruments_xHCI Driver_V1.12.18	TexasInstruments_xHCI Driver_V1.12.18		
6	AHCI/RAID: Intel® Matrix Storage Manager	Intel_RSTe_allIOS_3.2.0.1135_PV-Kit46282 Intel_RST_F6Flpy-32bit_3.1.0.1085_PV-Kit44429 Intel_Rapid_TechnologyEnterprise_SATAPerformance patch	Intel_RSTe_allIOS_3.2.0.1135_PV-Kit46282 Intel_RST_F6Flpy_64bit_3.1.0.1085_PV-Kit44429 Intel_Rapid_TechnologyEnterprise_SATAPerformance patch		

INF Driver Package details:

Driver Description	Class	Version	Date
Intel(R) 82579LM Gigabit Network Connection	Network Adapters	12.6.45.0	11-01-2012
Conexant HD Audio	Sound, video and game controllers	8.32.43.0	02/21/2011
Intel(R) C600 Series Chipset SATA AHCI Controller	Storage controllers	3.7.0.1092	19/03/2013
Intel(R) C600 Series Chipset SAS RAID Controller	Storage controllers	3.7.0.1092	19/03/2013
Intel(R) C600 Series Chipset SAS RAID (SATA mode)	Storage controllers	3.7.0.1092	19/03/2013
Intel(R) C600 X79 series chipset PCI Express Root Port 1 - 1D10	System Devices	9.2.3.1030	25/02/2013
Intel(R) C600 X79 series chipset PCI Express Root Port 7 - 1D1C	System Devices	9.2.3.1030	25/02/2013
Intel(R) C600 X79 series chipset High Definition Audio Controller - 1D20	System Devices	9.2.3.1030	25/02/2013
Intel(R) C600 X79 series chipset SMBus Host Controller - 1D22	System Devices	9.2.3.1030	25/02/2013
Intel(R) C600 X79 series chipset Thermal Management Controller - 1D24	System Devices	9.2.3.1030	25/02/2013
Intel® Management Engine interface	System Devices	9.0.0.1287	12/17/2012
Intel(R) C600 X79 series chipset PCI Express Virtual Root Port - 1D3E	System Devices	9.2.3.1030	25/02/2013
Intel(R) C600 X79 series chipset LPC Controller - 1D41	System Devices	9.2.3.1030	25/02/2013
Intel(R) C600 X79 series chipset SMBus Controller 0 - 1D70	System Devices	9.2.3.1030	25/02/2013
Intel(R) Xeon(R) Processor E5 Product Family Core i7 DMI2 - 3C00	System Devices	9.2.3.1030	25/02/2013
Texas Instruments XHCI Controller	Universal Serial Bus controllers	1.12.18.0	23/11/-2011
Texas Instruments XHCI Controller	Universal Serial Bus controllers	1.12.18.0	23/11/2011
Intel(R) C600 X79 series chipset USB2 Enhanced Host Controller #1 - 1D26	Universal Serial Bus controllers	9.2.3.1030	25/02/2013
Intel(R) C600 X79 series chipset USB2 Enhanced Host Controller #2 - 1D2D	Universal Serial Bus controllers	9.2.3.1030	25/02/2013

Windows 8/8.1 (32 & 64Bit)		Driver/Utility			
		Executable File		Silent Switch	Comments
Installation order		Windows 8 32 Bit	Windows 8 64 Bit		
1	Chipset:	INF_allIOS_9.3.2.1017_PV-Kit56379	INF_allIOS_9.3.2.1017_PV-Kit56379	setup -s	
2	Audio: Conexant HD Audio	Audio_8.32.43.3_WHQL_Win8.1	Audio_8.32.43.3_WHQL_Win8.1	setup -s	
3	LAN: Intel(R) Gigabit	LAN_Intel_PROWin8_32_18.5.exe	LAN_Intel_PROWin8_64_18.5.exe	setup -s	
4	AMT: Intel(R) Management	iAMT_Win8.1_9.5.14.1724-V2	iAMT_Win8.1_9.5.14.1724-V2	setup -s	
5	AHCI/RAID: Intel® Matrix Storage Manager	Intel_RapidStorage_WIn8.1_3.8.0.1111 RSTe_3.8.0.1111_F6-Drivers	Intel_RapidStorage_WIn8.1_3.8.0.1111 RSTe_3.8.0.1111_F6-Drivers		

INF Driver Package details:

Driver Description	Class	Version	Date
Intel(R) 82579LM Gigabit Network Connection	Network Adapters	12.6.45.0	11-01-2012
Conexant HD Audio	Sound, video and game controllers	8.32.43.3	08/22/2013
Intel(R) C600 Series Chipset SATA AHCI Controller	Storage controllers	3.8.0.1106	08/14/2013
Intel(R) C600 Series Chipset SAS RAID Controller	Storage controllers	3.8.0.1106	08/14/2013
Intel(R) C600 Series Chipset SAS RAID (SATA mode)	Storage controllers	3.8.0.1106	08/14/2013
Intel(R) C600 X79 series chipset PCI Express Root Port 1 - 1D10	System Devices	9.2.3.1032	07/25/2013
Intel(R) C600 X79 series chipset PCI Express Root Port 7 - 1D1C	System Devices	9.2.3.1032	07/25/2013
Intel(R) C600 X79 series chipset High Definition Audio Controller - 1D20	System Devices	9.2.3.1032	07/25/2013
Intel(R) C600 X79 series chipset SMBus Host Controller - 1D22	System Devices	9.2.3.1032	07/25/2013
Intel(R) C600 X79 series chipset Thermal Management Controller - 1D24	System Devices	9.2.3.1032	07/25/2013
Intel® Management Engine interface	System Devices	9.5.14.1724	08/19/2013
Intel(R) C600 X79 series chipset PCI Express Virtual Root Port - 1D3E	System Devices	9.2.3.1032	07/25/2013
Intel(R) C600 X79 series chipset LPC Controller - 1D41	System Devices	9.2.3.1032	07/25/2013
Intel(R) C600 X79 series chipset SMBus Controller 0 - 1D70	System Devices	9.2.3.1032	07/25/2013
Intel(R) Xeon(R) Processor E5 Product Family Core i7 DMI2 - 3C00	System Devices	9.2.3.1032	07/25/2013
Intel(R) C600 X79 series chipset USB2 Enhanced Host Controller #1 - 1D26	Universal Serial Bus controllers	9.2.3.1033	07/31/2013
Intel(R) C600 X79 series chipset USB2 Enhanced Host Controller #2 - 1D2D	Universal Serial Bus controllers	9.2.3.1033	07/31/2013

*** No Digitally Signed drivers available for Windows XP

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_12.6.45.0	DOS_LAN_NDIS2
	LAN_Win7_64Bit_12.6.45.0	
	LAN_Win8_32Bit_12.9.15.0	
	LAN_Win8_64Bit_12.9.15.0	
Others	Microsoft .Net 3.5SP1	
	WindowsInstaller-KB893803-v2-x86.exe	
	XP Patch: USB Keyboard S3 USB20	

Drivers and latest BIOS are available from Viglen FTP site:

Vig440J: <http://download.viglen.co.uk/files/Motherboards/Vig440J/>

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.