

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) by importing the device drivers.

Driver DVD: WDXDCD78	Motherboard: Vig710W Motherboards
Revision: 1.0 Release Date: 15 May 2015	Viglen Part code: PMPWB710

Unknown / Other Devices in Device Manager

Hardware Devices Listed in device Manager	Hardware ID	Associate d Driver	INF Drivers
IDE ATA/ATPI Controllers			
Standard AHCI 1.0 serial ATA Controller	PCI\VEN_8086&DEV_8C02&SUBSYS_8C028086&REV_05	AHCI	Intel(R) 8 Series/C220 Chipset Family SATA AHCI Controller
Other devices			
Audio Device on High Definition Audio Bus	HDAUDIO\FUNC_01&VEN_10EC&DEV_0662&SUBSYS_1C6C010E&REV_1003	Audio	Realtek High Definition Audio
Ethernet Controller	PCI\VEN_10EC&DEV_8168&SUBSYS_01231C6C&REV_07	LAN driver	Realtek PCIe GBE Family Controller
Ethernet Controller	PCI\VEN_168C&DEV_0037&SUBSYS_11951A3B&REV_01	WLAN	Qualcomm Atheros AR1111 Wireless Network Adapter
PCI Simple Communication Controller	PCI\VEN_8086&DEV_8C3A&SUBSYS_8C3A8086&REV_04	AMT	Intel(R) Management Engine Interface
SM BUS Controller	PCI\VEN_8086&DEV_8C22&SUBSYS_8C228086&REV_05	Chipset	Intel(R) 8 Series/C220 Series SMBus Controller - 8C22
Universal Serial BUS (USB) controller	PCI\VEN_8086&DEV_8C31&SUBSYS_8C318086&REV_05	USB3.0	Intel(R) USB 3.0 eXtensible Host Controller
Unknown Device	IUSB3\ROOT_HUB30&VID_8086&PID_8C31&REV_0005&SID_8C318086	USB3.0	Intel(R) USB 3.0 Root Hub
Video Controller (VGA compatible)	PCI\VEN_8086&DEV_0402&SUBSYS_04028086&REV_06	VGA Driver	Intel(R) HD Graphics
Audio Device on High Definition Audio Bus	HDAUDIO\FUNC_01&VEN_8086&DEV_2807&SUBSYS_80860101&REV_1000	Audio	Intel(R) Display Audio
Unknown Device	USB\VID_0BDA&PID_0129&REV_3960	Card reader	Realtek USB 2.0 Card Reader

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.

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.

Installation order		Driver/Utility		Silent Switch	Comments
		Executable File			
		Windows 7 32 Bit	Windows 7 64 Bit		
1	Chipset:	INF_allIOS_9.4.0.1027	INF_allIOS_9.4.0.1027	setup -s	
2	Onboard Graphics	GFX_Win7_8_8.1_32_10.18.10.3995	GFX_Win7_8_8.1_64_10.18.10.3995	setup -s	
3	Audio: Realtek* Audio	AUD_Win8.1_Win8_Win7_6.0.1.7464	AUD_Win8.1_Win8_Win7_6.0.1.7464	setup -s	
4	LAN: Realtek	Realtek_LAN_Win7_7.90.826.2014	Realtek_LAN_Win7_7.90.826.2014	setup -s	
5	Intel(R) Management Engine	MEI_Win7-8-8.1_9.5.15.1730	MEI_Win7-8-8.1_9.5.15.1730	setup -s	
6	Intel USB3.0	Intel_USB_3.0_Win7_3.0.0.34	Intel_USB_3.0_Win7_3.0.0.34	setup -s	
7	AHCI/RAID: Intel® Matrix Storage Manager	RST_Win7-8-8.1_12.8.0.1016 .exe AHCI_f6flpy-x86_12.8.0.1016	RST_Win7-8-8.1_12.8.0.1016 .exe AHCI_f6flpy-x64_12.8.0.1016	setup -s	
8	Wireless LAN	WLAN_Win7-10.0.0.234-whql	WLAN_Win7-10.0.0.234-whql		
9	SD Crad Reader	RtsUVStor_6.2.9200.39052_XP-7-8-8-1	RtsUVStor_6.2.9200.39052_XP-7-8-8-1		

INF Driver Package details (Vig710W): Windows 7

Driver Description	Hardware ID	Version	Date
Intel(R) Desktop Workstation Server Express Chipset SATA AHCI	PCI\VEN_8086&DEV_1C02&SUBSYS_01191C6C&REV_05	12.8.0.1016	08/01/2013
Intel(R) 4th Gen Core processor DRAM Controller - 0C00	PCI\VEN_8086&DEV_0C00&SUBSYS_0C008086&REV_06	9.4.0.1023	25/07/2013
Intel(R) 8 Series/C220 Series PCI Express Root Port #1 - 8C10	PCI\VEN_8086&DEV_8C10&SUBSYS_8C108086&REV_D5	9.4.0.1023	25/07/2013
Intel(R) 8 Series/C220 Series PCI Express Root Port #3 - 8C14	PCI\VEN_8086&DEV_8C10&SUBSYS_8C108086&REV_D5	9.4.0.1023	25/07/2013
Intel(R) 8 Series/C220 Series SMBus Controller - 8C22	PCI\VEN_8086&DEV_8C22&SUBSYS_8C228086&REV_05	9.4.0.1023	25/07/2013
Intel(R) USB 3.0 eXtensible Host Controller	PCI\VEN_8086&DEV_8C31&SUBSYS_8C318086&REV_05	3.0.0.34	05/30/2014
Intel(R) USB 3.0 Root Hub	IUSB3\ROOT_HUB30&VID_8086&PID_8C31&REV_0005&SID_8C318086	3.0.0.34	05/30/2014
Intel(R) Display Audio	HDAUDIO\FUNC_01&VEN_8086&DEV_2807&SUBSYS_80860101&REV_1000	6.16.00.3135	01/15/2014
Intel(R) HD Graphics	PCI\VEN_8086&DEV_0402&SUBSYS_04028086&REV_06	10.18.10.3650	06/16/2014
Intel(R) Management Engine Interface	PCI\VEN_8086&DEV_8C3A&SUBSYS_8C3A8086&REV_04	9.5.15.1730	05/09/2013
Qualcomm Atheros AR1111 Wireless Network Adapter	PCI\VEN_168C&DEV_0037&SUBSYS_11951A3B&REV_01	10.0.0.234	03/11/2013
Realtek High Definition Audio	HDAUDIO\FUNC_01&VEN_10EC&DEV_0662&SUBSYS_1C6C010E&REV_1003	6.01.7464	10/03/2015
Realtek PCIe GBE Family Controller	PCI\VEN_10EC&DEV_8168&SUBSYS_01231C6C&REV_07	7.090.0826.2014	08/26/2014
USB2.0-CRW	USB\VID_0BDA&PID_0129&REV_3960	6.2.9200.39052	08/08/2013

Windows 8.1 (32 & 64Bit)		Driver/Utility			
		Executable File		Silent Switch	Comments
		Windows 7 32 Bit	Windows 7 64 Bit		
Installation order					
1	Chipset:	INF_allIOS_9.4.0.1027	INF_allIOS_9.4.0.1027	setup -s	
2	Onboard Graphics	GFX_Win7_8_8.1_32_10.18.10.3995	GFX_Win7_8_8.1_64_10.18.10.3995	setup -s	
3	Audio: Realtek* Audio	AUD_Win8.1_Win8_Win7_6.0.1.7464	AUD_Win8.1_Win8_Win7_6.0.1.7464	setup -s	
4	LAN: Realtek	Realtek_LAN_Win8-1_8.36.826.2014	Realtek_LAN_Win8-1_8.36.826.2014	setup -s	
5	Intel(R) Management Engine	MEI_Win7-8-8.1_9.5.15.1730	MEI_Win7-8-8.1_9.5.15.1730	setup -s	
7	AHCI/RAID: Intel® Matrix Storage Manager	RST_Win7-8-8.1_12.8.0.1016 .exe AHCI_f6flpy-x86_12.8.0.1016	RST_Win7-8-8.1_12.8.0.1016 .exe AHCI_f6flpy-x64_12.8.0.1016	setup -s	
9	SD Crad Reader	RtsUVStor_6.2.9200.39052_XP-7-8-8-1	RtsUVStor_6.2.9200.39052_XP-7-8-8-1		

INF Driver Package details (Vig710W): Windows 8.1

Driver Description	Hardware ID	Version	Date
Intel(R) Desktop Workstation Server Express Chipset SATA AHCI	PCI\VEN_8086&DEV_1C02&SUBSYS_01191C6C&REV_05	12.8.0.1016	08/01/2013
Intel(R) 4th Gen Core processor DRAM Controller - 0C00	PCI\VEN_8086&DEV_0C00&SUBSYS_0C008086&REV_06	9.4.0.1023	25/07/2013
Intel(R) 8 Series/C220 Series PCI Express Root Port #1 - 8C10	PCI\VEN_8086&DEV_8C10&SUBSYS_8C108086&REV_D5	9.4.0.1023	25/07/2013
Intel(R) 8 Series/C220 Series PCI Express Root Port #3 - 8C14	PCI\VEN_8086&DEV_8C10&SUBSYS_8C108086&REV_D5	9.4.0.1023	25/07/2013
Intel(R) 8 Series/C220 Series SMBus Controller - 8C22	PCI\VEN_8086&DEV_8C22&SUBSYS_8C228086&REV_05	9.4.0.1023	25/07/2013
Intel(R) USB 3.0 eXtensible Host Controller	PCI\VEN_8086&DEV_8C31&SUBSYS_8C318086&REV_05	Windows Built in	
Intel(R) USB 3.0 Root Hub	IUSB\ROOT_HUB30&VID_8086&PID_8C31&REV_0005&SID_8C318086	Windows Built In	
Intel(R) Display Audio	HDAUDIO\FUNC_01&VEN_8086&DEV_2807&SUBSYS_80860101&REV_1000	6.16.00.3135	01/15/2014
Intel(R) HD Graphics	PCI\VEN_8086&DEV_0402&SUBSYS_04028086&REV_06	10.18.10.3650	06/16/2014
Intel(R) Management Engine Interface	PCI\VEN_8086&DEV_8C3A&SUBSYS_8C3A8086&REV_04	9.5.15.1730	05/09/2013
Qualcomm Atheros AR1111 Wireless Network Adapter	PCI\VEN_168C&DEV_0037&SUBSYS_11951A3B&REV_01	10.0.0.234	03/11/2013
Realtek High Definition Audio	HDAUDIO\FUNC_01&VEN_10EC&DEV_0662&SUBSYS_1C6C010E&REV_1003	6.01.7464	10/03/2015
Realtek PCIe GBE Family Controller	PCI\VEN_10EC&DEV_8168&SUBSYS_01231C6C&REV_07	7.090.0826.2014	08/26/2014
USB2.0-CRW	USB\VID_0BDA&PID_0129&REV_3960	6.2.9200.39052	08/08/2013

PROPRIETARY

Board support for legacy operating systems

Drivers for older operating systems that Microsoft has discontinued or does not fully support should be considered AS-IS in respect to features, function, debugging and usability. Viglen will not provide drivers or technical support for them as these operating systems have not been fully validated and not all the drivers are available. These operating systems include Windows Vista, Windows XP Editions, Windows ME, Windows 2000 Professional Edition, Windows NT, Windows 98 Standard Edition (SE), Windows 98 and Windows 95. Please refer to the following Microsoft sites for more information:

<http://support.microsoft.com/gp/lifepolicy>*

<http://support.microsoft.com/gp/lifeselect>*

<http://windows.microsoft.com/en-us/windows/products/lifecycle>*

Other Drivers/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_Realtek_Win7_32Bit_7.085.0423.2014	DOS_LAN_NDIS2
	LAN_Realtek_Win7_64Bit_7.085.0423.2014	
	LAN_Realtek_Win8_32Bit_8.031.0423.2014	
	LAN_Realtek_Win8_64Bit_8.031.0423.2014	
	LAN_Realtek_Win8-1_32Bit_8.031.0423.2014	
	LAN_Realtek_Win8-1_64Bit_8.031.0423.2014	

Drivers and latest BIOS are available from Viglen FTP site:

Vig710W - <http://download.viglen.co.uk/files/Motherboards/Vig710W/Drivers/>

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.