

## 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: <a href="#">Vig710W Motherboards</a> , <a href="#">VIG711W Motherboard</a>
Revision: <b>1.2</b> Release Date: <b>03 September 2015</b>	Viglen Part code: PMPWB710, PMPWB711

### Unknown / Other Devices in Device Manager

Hardware Devices Listed in device Manager	Hardware ID	Associated Driver	INF Drivers
<b>IDE ATA/ATPI Controllers</b>			
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
<b>Other devices</b>			
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.



PROPRIETARY

Windows 7 (32 & 64Bit)		Driver/Utility			
		Executable File		Silent Switch	Comments
Installation order		Windows 7 32Bit	Windows 7 64Bit		
1	Chipset:	INF_allOS_9.4.0.1027	INF_allOS_9.4.0.1027	setup -s	
2	Onboard Graphics	GFX_Win7_8_8.1_32_15.33.25.3740	GFX_Win7_8_8.1_64_15.33.25.3740	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, Vig711W): 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	6.16.0.3145	04/17/2014
Intel(R) HD Graphics	PCI\VEN_8086&DEV_0402&SUBSYS_04028086&REV_06	10.18.10.3740	07/04/2014
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 8.1 32Bit	Windows 8.1 64Bit		
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_15.33.25.3740	GFX_Win7_8_8.1_64_15.33.25.3740	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-Vig711W): 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	IUSB3\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	6.16.0.3145	04/17/2014
Intel(R) HD Graphics	PCI\VEN_8086&DEV_0402&SUBSYS_04028086&REV_06	10.18.10.3740	07/04/2014
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 10 (32 & 64Bit)		Driver/Utility			
		Executable File		Silent Switch	Comments
		Windows 10 32 Bit	Windows 10 64 Bit		
Installation order					
1	Chipset:	INF_Chipset_Win10_10.1.1.9	INF_Chipset_Win10_10.1.1.9	setup -s	
2	Onboard Graphics	Intel_VGA_Win10_32_10.18.15.4248	Intel_VGA_Win10-64Bit_15.40.4.64.4256	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_Win10_10.1.505.2015	Realtek_LAN_Win10_10.1.505.2015	setup -s	
5	Intel(R) Management Engine	MEI_Win10_11.0.0.1156_HF	MEI_Win10_11.0.0.1156_HF	setup -s	
7	AHCI/RAID: Intel® Matrix Storage Manager	RST_14.5.0.1081_Win10 AHCI_f6flpy_14.5.0.1081_Win10_32Bit AHCI_f6flpy_14.5.0.1081_Win10_64Bit	RST_14.5.0.1081_Win10 AHCI_f6flpy_14.5.0.1081_Win10_32Bit AHCI_f6flpy_14.5.0.1081_Win10_64Bit	setup -s	
9	SD Crad Reader	RtsUer_10.0.10125.31214_Win10	RtsUer_10.0.10125.31214_Win10		

### 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/>

Vig711W - <http://download.viglen.co.uk/files/Motherboards/Vig711W/Drivers/>

For BIOS, Drivers and Documentation enquiries please contact Viglen Technical Support Department on [technical@viglen.co.uk](mailto:technical@viglen.co.uk).

Remember to include your PC serial number in all correspondence.