

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: WDXDCD85	Motherboard: VIG860S_VIG770S
Revision: Release Date: June 2018	Viglen Part code: PMPAS860_PMPAS770

Intel(R) Rapid Storage Technology Enterprise Driver:

Bios SATA Controller Mode	Controller
AHCI	Intel(R) 200 Series Chipset Family SATA AHCI Controller
RAID	Intel Chipset SATA RAID Controller

Unknown / Other Devices in Device Manager (Vig860S_Vig770S):

Hardware Devices Listed in device Manager	Hardware ID	Associated Driver	INF Drivers
IDE ATA/ATPI Controllers			
Standard AHCI 1.0 serial ATA Controller	VEN_8086&DEV_A282&SUBSYS_86941043&REV_00	AHCI	Intel(R) 200 Series Chipset Family SATA AHCI Controller
Intel Chipset SATA RAID Controller	PCI\VEN_8086&DEV_2822&CC_0104	RAID	Intel Chipset SATA RAID Controller
Other devices			
Audio Device on High Definition Audio Bus	HDAUDIO\FUNC_01&VEN_8086&DEV_2809&SUBSYS_80860101&REV_1000	Display	Intel(R) Display Audio
Audio Device on High Definition Audio Bus	HDAUDIO\FUNC_01&VEN_10EC&DEV_0887&SUBSYS_104386CA&REV_1003	Audio	Realtek High Definition Audio
Ethernet Controller	PCI\VEN_8086&DEV_15B7&SUBSYS_86861043&REV_00	LAN	Intel(R) Ethernet Connection (2) I219-LM
PCI Serial port	VEN_8086&DEV_A2BD&SUBSYS_86941043&REV_00	AMT	Intel(R) Management Technology-SOL
PCI Simple Communication Controller	VEN_8086&DEV_A2BA&SUBSYS_86941043&REV_00	AMT	Intel(R) Management Engine Interfac
SM BUS Controller	VEN_8086&DEV_A2A3&SUBSYS_86941043&REV_00	Chipset	Intel(R) 200 Series Chipset Family SMBUS - A2A3
Universal Serial BUS (USB) controller	VEN_8086&DEV_A2AF&SUBSYS_86941043&REV_00	USB3.0	Intel(R) USB 3.0 eXtensible Host Controller
Unknown Device	USB\ROOT_HUB30&VID8086&PIDA2AF&REV000	USB3.0	Intel(R) USB 3.0 Root Hub
Video Controller (VGA compatible)	PCI\VEN_8086&DEV_1912&SUBSYS_86941043&REV_06	VGA	Intel(R) HD Graphics 530
Unknown Devices	ACPI\VEN_MSFT&DEV_0101	TPM	Trusted Platform Module 2.0



PROPRIETARY

Operating System(s) Support:

Microsoft Windows Operating System support for Intel Kaby Lake processors

The Vig860S and the Vig770S motherboard is officially approved for Windows 10 for 6th and 7th gen Processors. Windows 7 drivers are available for 6th gen process only.

Please note, there is no support of windows 7 operating system for 7th Gen Intel(R) Core(TM) processor family (Codename Kaby Lake).

7th Gen Intel(R) Core(TM) processor family (Codename Kaby Lake)

- Microsoft Windows* 10-64

6th Gen Intel(R) Core(TM) processor family (codename Skylake)

- Microsoft Windows* 7-64
- Microsoft Windows* 8.1-64
- Microsoft Windows* 10-64

Microsoft support policies with updated Windows 7 & 8.1 guidelines.

Supported Windows Versions	
Kaby Lake (Intel 7th Generation Core processors)	Windows 10 ONLY
Skylake (Intel 6th Generation Core processors)	Windows 7, 8.1,10

Windows 10 (64Bit)		Executable File	Driver	
1	Chipset	Intel_Chipset_Driver_WIN10-64_V10.1.17541.8066_0521	10.1.11.1	setup -s
2	Onboard Graphics	Intel_Graphics_Accelerator_Driver_WIN10-64_V23.20.16.4944	23.20.16.4944	setup -s
3	Audio: Realtek* ALC Audio	Realtek_Audio_Driver_WIN10-64_V6.0.1.8382_0521	6.0.1.8382	setup -s
4	LAN: Intel(R)	Intel_LAN_Driver_win10-64_V23.0.12.0_0328	12.17.8.9	setup -s
5	Intel(R) Management Engine	DRV_MEI_Intel_Cor_KBL_SZ_W10_64_VER11701057_20180530R	1803.120.1093	setup -s
6	AHCI/RAID: Intel® IRST Storage Manager	IRST_Driver_software_WIN10-64_V16.0.2.1086_0516	16.02.1086	setup -s
7	Intel Optane	SetupOptaneMemory_16.0.2.1086_Win10 X64	16.02.1086	

**6th Gen Intel(R) Core(TM) processor family (codename Skylake) only*

Windows 7 (64Bit)		Driver/Utility			
		Executable File	Driver	Date	
1	Chipset	Intel_Chipset_Win7_10_101138	10.1.1.38	03/10/2016	setup -s
2	Onboard Graphics	Intel_Graphics_Win7-8-10_21.20.16.4565_64Bit	21.20.16.4565	10/12/2016	setup -s
3	Audio: Realtek* ALC Audio	Realtek_Audio_Win7_Win10_6.0.1.7940	6.0.1.7940	20/09/2016	setup -s
4	LAN: Intel(R)	Intel_LAN_Win7_10_21.1.30.0	12.15.23.8	05/10/2016	setup -s
5	Intel(R) Management Engine	Intel_ME_Win7_10_11.6.0.1026	11.6.0.1026	01/09/2016	setup -s
6	AHCI/RAID: Intel® Matrix Storage Manager	ACHI_RAID_F6lpy_64bit_15.2.0.1020 ACHI_RAID_F6lpy_32bit_15.2.0.1020 Intel_IRST_Win7-10-15.2.0.1020	15.2.0.1020	13/09/2016	setup -s
7	TPM_Win7_Patch	TPM_Win7_Patch	6.1.7601.18518	21/06/2006	
8	Intel USB3.0	Intel_USB3_win7-81_v50032_2006	5.0.0.32	18/08/2016	

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.

Other Drivers/Software

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

Driver/Utility		
Folder Name	Intel	Realtek
Win_PE_NDIS2_LAN_Driver	PXE	NDIS2-1.52
	RIS	
	WinPE	
Microsoft. Net 4.5.2	Microsoft .Net 4.5.2	

Drivers and latest BIOS are available from Viglen FTP site:

Vig860S - <http://download.viglen.co.uk/files/Motherboards/Vig860S/>

Vig770S - <http://download.viglen.co.uk/files/Motherboards/Vig770S/>

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>

Microsoft .Net can be downloaded from following URL: <http://www.microsoft.com/net/>. Microsoft.net 4.5.2 is also available on the Driver DVD

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.