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:	Motherboard: **Vig790S**
Revision: Release Date: **July 2018**	Viglen Part code: **PMPAS790**

Intel(R) Rapid Storage Technology Enterprise Driver:

Bios SATA Controller Mode	Controller
AHCI	Intel(R) 300 Series Chipset Family SATA AHCI Controller
RAID	Intel Chipset SATA RAID Controller

Unknown / Other Devices in Device Manager (Vig790S):

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_A352&SUBSYS_86941043&REV_10\3&11583659&0&B8	AHCI	Intel(R) 300 Series Chipset Family SATA AHCI Controller
Intel Chipset SATA RAID Controller	PCI\VEN_8086&DEV_A303&SUBSYS_86941043&REV_10\3&11583659&0&F8	RAID	Intel(R) 300 Series Chipset Family LPC Controller (H310) - A303
Other devices			
Audio Device on High Definition Audio Bus	HDAUDIO\FUNC_01&VEN_8086&DEV_280B&SUBSYS_80860101&REV_1000\4&107C3353&0&0201	Display	Intel(R) Display Audio
Audio Device on High Definition Audio Bus	HDAUDIO\FUNC_01&VEN_10EC&DEV_0887&SUBSYS_10438701&REV_1003\4&107C3353&0&0001	Audio	Realtek High Definition Audio
Ethernet Controller	PCI\VEN_10EC&DEV_8168&SUBSYS_86771043&REV_15\4&1118BE75&0&00E8	LAN	Realtek PCIe GBE Family Controller
PCI Simple Communication Controller	PCI\VEN_8086&DEV_A360&SUBSYS_86941043&REV_10\3&11583659&0&B0	AMT	Intel(R) Management Engine Interface
SM BUS Controller	PCI\VEN_8086&DEV_A323&SUBSYS_86941043&REV_10	Chipset	Intel(R) SMBus - A323

Driver installation Guide –Vig790S Revision 1.0

XMA recommends Windows

	\3&11583659&0&FC		
Universal Serial BUS (USB) controller	PCI\VEN_8086&DEV_A36D&SUBSYS_86941043&REV_10\3&11583659&0&A0	USB3.0	Intel(R) USB 3.1 eXtensible Host Controller
Unknown Device	USB\ROOT_HUB30\4&5375334&0&0	USB3.0	USB Root Hub (USB 3.0)
Video Controller (VGA compatible)	PCI\VEN_8086&DEV_3E92&SUBSYS_86941043&REV_00\3&11583659&0&10	VGA	Intel(R) UHD Graphics 630

Windows 10 (64Bit)		Driver/Utility			
		Executable File	Driver	Date	
1	Chipset	Intel_Chipset_Driver_WIN10-64_V10.1.17541.8066_0521	10.1.17541.8066_0521	18/07/1968	setup -s
2	Onboard Graphics	Intel_Graphics_Accelerator_Driver_WIN10-64_V23.20.16.4944	23.20.16.4944	02-04-2018	setup -s
3	Audio: Realtek* ALC Audio	Realtek_Audio_Driver_WIN10-64_V6.0.1.8382_0521	6.0.1.8382_0521	2-26-2018	setup -s
4	LAN: Intel(R)	Intel_LAN_Driver_WIN10-64_V23.0.12.0_0516	23.0.12.0_0516	12-27-2017	setup -s
5	Intel(R) Management Engine	Management_Engine_Interface_WIN10-64_V1803.12.0.1093	1803.12.0.1093	1-16-2018	setup -s
6	AHCI/RAID: Intel® IRST Storage Manager	IRST_Driver_software_WIN10-64_V16.0.2.1086_0516	16.0.2.1086_0516	2-7-2018	setup -s

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	
	RIS	
	WinPE	WIN10 64_V23.0.12.0_0516

Drivers and latest BIOS are available from Viglen FTP site:

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.