

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: WDXDCD80	Motherboard: VIG750S, VIG760S, VIG830S
Revision: 1.1 Release Date: July 2016	Viglen Part code: PMPAS750, PMPAS760, PMPAS830

Intel(R) Rapid Storage Technology Enterprise Driver:

Bios SATA Controller Mode	Controller
AHCI	Intel(R) 100 Series/C230 Chipset Family SATA AHCI Controller
RAID	Intel Chipset SATA RAID Controller

Unknown / Other Devices in Device Manager (Vig750S/Vig760S/Vig830S):

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_A102	AHCI	Intel(R) 100 Series/C230 Chipset Family SATA AHCI Controller
Intel Chipset SATA RAID Controller	VEN_8086&DEV_2822&SUBSYS_86941043&	RAID	Intel Chipset SATA RAID Controller
Other devices			
Audio Device on High Definition Audio Bus	HDAUDIOFUNC_01&VEN_8086	Display	Intel(R) Display Audio
Audio Device on High Definition Audio Bus	VEN_10EC&DEV_0887	Audio	Realtek High Definition Audio
Ethernet Controller (Vig750S/Vig830S)	VEN_8086&DEV_15B7	LAN	Intel(R) Ethernet Connection (2) I219-LM
Ethernet Controller (Vig750S/Vig760S)	VEN_10EC&DEV_8168&SUBSYS_86771043&REV_15	LAN	Realtek PCIe GBE Family Controller
PCI Serial port	VEN_8086&DEV_A13D&SUBSYS_86941043&REV_31	AMT	Intel(R) Management Technology-SOL
PCI Simple Communication Controller	VEN_8086&DEV_A13A	AMT	Intel(R) Management Engine Interfac
SM BUS Controller	VEN_8086&DEV_A123	Chipset	Intel(R) 100 Series/C230 Series Chipset SMBus - A123
Universal Serial BUS (USB) controller	VEN_8086&DEV_A12F	USB3.0	Intel(R) USB 3.0 eXtensible Host Controller
Unknown Device	IUSB3\ROOT_HUB30&VID_8086&PID_A12F&REV_0031 &SID_86941043	USB3.0	Intel(R) USB 3.0 Root Hub
Video Controller (VGA compatible)	VEN_8086&DEV_1912	VGA	Intel(R) HD Graphics 530
Unknown Devices	ACPI\MSFT0101	TPM	Trusted Platform Module 2.0



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Windows 7 (32 & 64Bit)		Driver/Utility			
		Executable File		Silent Switch	Comments
		Windows 7 32 Bit	Windows 7 64 Bit		
Installation order					
1	Chipset:	Intel_Chipset_Win7-81-10_V101117	Intel_Chipset_Win7-81-10_V101117	setup -s	
2	Onboard Graphics	Intel_Graphics_Win7-81-10_V2019154416	Intel_Graphics_Win7-81-10_V2019154416	setup -s	
3	Audio: Realtek* ALC Audio	Realtek_Audio_Win7-81-10_V6017770	Realtek_Audio_Win7-81-10_V6017770	setup -s	
4	LAN: Intel(R) Gigabit (Vig750S/Vig830S)	Intel_Lan_Win7-81-10_V2023001-2024001	Intel_Lan_Win7-81-10_V2023001-2024001	setup -s	
5	LAN: Realtek (Vig750S/Vig760S)	Realtek_LAN_Win7-81-10_V792-838-102703_513	Realtek_LAN_Win7-81-10_V792-838-102703_513	setup -s	
6	Intel(R) Management Engine	MEI-Win7-81-10_V11001181	MEI-Win7-81-10_V11001181	setup -s	
7	USB3.0	Intel_USB3_Win7_V40036_Win81_V10042	Intel_USB3_Win7_V40036_Win81_V10042	setup -s	
8	AHCI/RAID: Intel® Matrix Storage Manager	ACHI_RAID_F6flpy32bit_V14801042 Intel_IRST_Win7-81-10_V14801042	ACHI_RAID_F6flpy_64bit_V14801042 Intel_IRST_Win7-81-10_V14801042	setup -s	
9	TPM	TPM_Win7_Only	TPM_Win7_Only		Patch
10	*Microsoft NetFX	Microsoft.Net 4.5.2	Microsoft.Net 4.5.2		

*Microsoft .Net must be installed before installation the drives. Without Microsoft .net some drives cannot be installed

INF Driver Package details (Vig830S): Windows 7

Driver Description	Class	Version	Date
Intel(R) 100 Series/C230 Chipset Family SATA AHCI Controller	AHCI	14.8.0.1042	04-11-2015
Intel Chipset SATA RAID Controller	RAID	14.8.0.1042	04-11-2015
Intel(R) 100 Series/C230 Series Chipset Family LPC Controller - A146	Chipset	10.1.1.7	16-06-2015
Intel(R) 100 Series/C230 Series Chipset Family PCI Express Root Port #1 - A110	Chipset	10.1.1.7	16-06-2015
Intel(R) 100 Series/C230 Series Chipset Family PCI Express Root Port #1 - A110	Chipset	10.1.1.7	16-06-2015
Intel(R) 100 Series/C230 Series Chipset Family PCI Express Root Port #9 - A118	Chipset	10.1.1.7	16-06-2015
Intel(R) 100 Series/C230 Series Chipset Family PCI Root Port #17 - A167	Chipset	10.1.1.7	16-06-2015
Intel(R) 100 Series/C230 Series Chipset PCI Express Root Port #11 - A11A	Chipset	10.1.1.7	16-06-2015
Intel(R) 100 Series/C230 Series Chipset PMC - A121	Chipset	10.1.1.7	16-06-2015
Intel(R) 100 Series/C230 Series Chipset SMBus - A123	Chipset	10.1.1.7	16-06-2015
Intel(R) 82802 Firmware Hub Device	Chipset	10.1.1.7	16-06-2015
Intel(R) Xeon(R) E3 - 1200/1500 v5/6th Gen Intel(R) Core(TM) PCIe Controller (x16) - 1901	Chipset	10.1.1.7	16-06-2015
Intel(R) HD Graphics 530	Graphics	20.19.15.4416	23-03-2016
Intel(R) Display Audio	Display Audio	6.16.00.3191	01-12-2015
Realtek High Definition Audio	Audio	6.0.1.7770	15-03-2016
Intel(R) Ethernet Connection (2) I219-LM	LAN	12.15.22.8	10-03-2016
Intel(R) Management Engine Interface	AMT	11.0.0.1181	04-02-2016
Intel(R) Active Management Technology - SOL	AMT	11.0.0.11.36	08-05-2015
Trusted Platform Module 2.0	TPM	-	-
Intel(R) USB 3.0 eXtensible Host Controller	USB3.0	4.0.0.36	15-06-2015
Intel(R) USB 3.0 Root Hub	USB3.0	4.0.0.36	15-06-2015

Driver installation Guide –Vig750S_Vig760S_Vig830S Motherboards Revision 1.1

XMA recommends Windows



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INF Driver Package details (Vig750S/Vig760S): Windows 7

Driver Description	Class	Version	Date
Intel(R) 100 Series/C230 Chipset Family SATA AHCI Controller	AHCI	14.8.0.1042	04-11-2015
Intel Chipset SATA RAID Controller	RAID	14.8.0.1042	04-11-2015
Intel(R) 100 Series/C230 Series Chipset Family LPC Controller - A146	Chipset	10.1.1.7	16-06-2015
Intel(R) 100 Series/C230 Series Chipset Family PCI Express Root Port #1 - A110	Chipset	10.1.1.7	16-06-2015
Intel(R) 100 Series/C230 Series Chipset Family PCI Express Root Port #1 - A110	Chipset	10.1.1.7	16-06-2015
Intel(R) 100 Series/C230 Series Chipset Family PCI Express Root Port #9 - A118	Chipset	10.1.1.7	16-06-2015
Intel(R) 100 Series/C230 Series Chipset Family PCI Root Port #17 - A167	Chipset	10.1.1.7	16-06-2015
Intel(R) 100 Series/C230 Series Chipset PCI Express Root Port #11 - A11A	Chipset	10.1.1.7	16-06-2015
Intel(R) 100 Series/C230 Series Chipset PMC - A121	Chipset	10.1.1.7	16-06-2015
Intel(R) 100 Series/C230 Series Chipset SMBus - A123	Chipset	10.1.1.7	16-06-2015
Intel(R) 82802 Firmware Hub Device	Chipset	10.1.1.7	16-06-2015
Intel(R) Xeon(R) E3 - 1200/1500 v5/6th Gen Intel(R) Core(TM) PCIe Controller (x16) - 1901	Chipset	10.1.1.7	16-06-2015
Intel(R) HD Graphics 530	Graphics	20.19.15.4416	23-03-2016
Intel(R) Display Audio	Display Audio	6.16.00.3191	01-12-2015
Realtek High Definition Audio	Audio	6.0.1.7770	15-03-2016
Intel(R) Ethernet Connection I219-V (Vig750S Only)	LAN	12.15.22.8	10-03-2016
Realtek PCIe GBE Family Controller	LAN	7.092.0115.2015	15-01-2015
Intel(R) Management Engine Interface	AMT	11.0.0.1181	04-02-2016
Intel(R) Active Management Technology - SOL	AMT	11.0.0.11.36	08-05-2015
Trusted Platform Module 2.0	TPM	-	-
Intel(R) USB 3.0 eXtensible Host Controller	USB3.0	4.0.0.36	15-06-2015
Intel(R) USB 3.0 Root Hub	USB3.0	4.0.0.36	15-06-2015

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.



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Windows 8/8.1 (32 & 64Bit)		Driver/Utility			
Installation order		Executable File		Silent Switch	Comments
		Windows 8 32 Bit	Windows 8 64 Bit		
1	Chipset:	Intel_Chipset_Win7-81-10_V10117	Intel_Chipset_Win7-81-10_V10117	setup -s	
2	On-board Graphics	Intel_Graphics_Win7-81-10_V2019154416	Intel_Graphics_Win7-81-10_V2019154416	setup -s	
3	Audio: Realtek* ALC Audio	Realtek_Audio_Win7-81-10_V6017770	Realtek_Audio_Win7-81-10_V6017770	setup -s	
4	LAN: Intel(R) Gigabit (Vig750S/Vig830S)	Intel_LAN_Win7-81-10_V207670	Intel_LAN_Win7-81-10_V207670	setup -s	
5	LAN: Realtek (Vig750S/Vig760S)	Realtek_LAN_Win7-81-10_V792-838-102703_513	Realtek_LAN_Win7-81-10_V792-838-102703_513	setup -s	
6	Intel(R) Management Engine	MEI-Win7-81-10_V11001181	MEI-Win7-81-10_V11001181	setup -s	
7	AHCI/RAID: Intel® Matrix Storage Manager	Intel_IRST_Win7-81-10_V14801042 ACHI_RAID_F6flpy32bit_V14801042	Intel_IRST_Win7-81-10_V14801042 ACHI_RAID_F6flpy_64bit_V14801042	setup -s	

Windows 10 (32 & 64Bit)		Driver/Utility			
Installation order		Executable File		Silent Switch	Comments
		Windows 8.1 32 Bit	Windows 8.1 64 Bit		
1	Chipset:	Intel_Chipset_Win7-81-10_V10117	Intel_Chipset_Win7-81-10_V10117	setup -s	
2	Onboard Graphics	Intel_Graphics_Win7-81-10_V2019154416	Intel_Graphics_Win7-81-10_V2019154416	setup -s	
3	Audio: Realtek* ALC Audio	Realtek_Audio_Win7-81-10_V6017770	Realtek_Audio_Win7-81-10_V6017770	setup -s	
4	LAN: Intel(R) Gigabit (Vig750S/Vig830S)	Intel_LAN_Win7-81-10_V207670	Intel_LAN_Win7-81-10_V207670	setup -s	
5	LAN: Realtek (Vig750S/Vig760S)	Realtek_LAN_Win7-81-10_V792-838-102703_513	Realtek_LAN_Win7-81-10_V792-838-102703_513	setup -s	
6	Intel(R) Management Engine	MEI-Win7-81-10_V11001181	MEI-Win7-81-10_V11001181	setup -s	
7	AHCI/RAID: Intel® Matrix Storage Manager	Intel_IRST_Win7-81-10_V14801042 ACHI_RAID_F6flpy32bit_V14801042	Intel_IRST_Win7-81-10_V14801042 ACHI_RAID_F6flpy_64bit_V14801042	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.

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Other Drivers/Software

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

Driver/Utility		
Folder Name	Intel	Realtek Vig750S/Vig760S
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:

Vig750S - <http://download.viglen.co.uk/files/Motherboards/Vig750S/>

Vig760S - <http://download.viglen.co.uk/files/Motherboards/Vig760S/>

Vig830S - <http://download.viglen.co.uk/files/Motherboards/Vig830S/>

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.