

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: WDXDCD74	Motherboard: Vig690M, VIG691M, Vig700S
Revision: 1.3 Release Date: 07 May 2015	Viglen Part code: PMPMS690, PMPMS691, PMPAS700

Intel(R) Rapid Storage Technology Enterprise Driver:

Bios SATA Controller Mode	Controller
AHCI	Intel(R) 8 Series/C220 Chipset Family SATA AHCI Controller

Unknown / Other Devices in Device Manager (**Vig690M**):

Hardware Devices Listed in device Manager	Hardware ID	Associated Driver	INF Drivers
IDE ATA/ATPI Controllers			
Standard AHCI 1.0 serial ATA Controller	PCIIVEN_8086&DEV_8C02&SUBSYS_78171462&REV_05	AHCI	Intel(R) 8 Series/C220 Chipset Family SATA AHCI Controller
Other devices			
Audio Device on High Definition Audio	HDAUDIO\FUNC_01&VEN_8086&DEV_2807&SUBSYS_80860101&REV_1000	Display	Intel(R) Display Audio
Audio Device on High Definition Audio	PCIIVEN_8086&DEV_0412&SUBSYS_78171462&REV_06	Audio	Realtek High Definition Audio
Ethernet Controller	PCIIVEN_10EC&DEV_8168&SUBSYS_78171462&REV_0C	LAN	Realtek PCIe GBE Family Controller
PCI Simple Communication Controller	PCIIVEN_8086&DEV_8C3A&SUBSYS_78171462&REV_04	AMT	Intel(R) Management Engine Interface
SM BUS Controller	PCIIVEN_8086&DEV_8C22&SUBSYS_78171462&REV_05	Chipset	Intel(R) 8 Series/C220 Series SMBus Controller - 8C22
Universal Serial BUS (USB) controller	PCIIVEN_8086&DEV_8C31&SUBSYS_78171462&REV_05	USB3.0	Intel(R) USB 3.0 eXtensible Host Controller
Unknown Device	IUSB3\ROOT_HUB30&VID_8086&PID_8C31&REV_0005&SID_78171462	USB3.0	Intel(R) USB 3.0 Root Hub
Video Controller (VGA compatible)	PCIIVEN_8086&DEV_0412&SUBSYS_78171462&REV_06	VGA	Intel(R) HD Graphics 4600
Unknown	ACPI\FIX0102	TPM	Trusted Platform Module 1.2
Unknown	ACPI\INT33A0	Smart Connect	Intel(R) Smart Connect Technology Device

Unknown / Other Devices in Device Manager (Vig691M):

Hardware Devices Listed in device Manager	Hardware ID	Associated Driver	INF Drivers
IDE ATA/ATPI Controllers			
Standard AHCI 1.0 serial ATA Controller	PCIIVEN_8086&DEV_8C02&SUBSYS_78171462&REV_05	AHCI	Intel(R) 8 Series/C220 Chipset Family SATA AHCI Controller
Other devices			
Audio Device on High Definition Audio	VEN_10EC&DEV_0887&SUBSYS_1462D846&REV_1003	Display	Intel(R) Display Audio
Audio Device on High Definition Audio	VEN_8086&DEV_2807&SUBSYS_80860101&REV_1000	Audio	Realtek High Definition Audio
Ethernet Controller	PCIIVEN_10EC&DEV_8168&SUBSYS_78461462&REV_0C	LAN	Realtek PCIe GBE Family Controller
PCI Simple Communication Controller	PCIIVEN_8086&DEV_8C3A&SUBSYS_78461462&REV_04	AMT	Intel(R) Management Engine Interface
SM BUS Controller	PCIIVEN_8086&DEV_8C22&SUBSYS_78461462&REV_05	Chipset	Intel(R) 8 Series/C220 Series SMBus Controller - 8C22
Universal Serial BUS (USB) controller	PCIIVEN_8086&DEV_8C31&SUBSYS_78461462&REV_05	USB3.0	Intel(R) USB 3.0 eXtensible Host Controller
Unknown Device	IUSB3\ROOT_HUB30&VID_8086&PID_8C31&REV_0005&SID_78461462	USB3.0	Intel(R) USB 3.0 Root Hub
Universal Serial Bus (USB) Controller	PCIIVEN_1106&DEV_3483&SUBSYS_78461462&REV_01	USB3.0	VIA USB eXtensible Host Controller
xHCI Root Hub 0	USB\VIA_ROOT_HUB&VID1106&PID3483&REV0001	USB3.0	VIA USB 3 Root Hub
Video Controller (VGA compatible)	PCIIVEN_8086&DEV_0412&SUBSYS_78461462&REV_06	VGA	Intel(R) HD Graphics 4600
Unknown	ACPI\FX0102	TPM	Trusted Platform Module 1.2
Unknown	ACPI\INT33A0	Smart	Intel(R) Smart Connect Technology Device
Standard Enhanced PCI to USB Host Controller	PCIIVEN_8086&DEV_8C26&SUBSYS_78461462&REV_05	USB	Intel(R) 8 Series/C220 Series USB EHCI #1 - 8C26
Standard Enhanced PCI to USB Host Controller	PCIIVEN_8086&DEV_8C2D&SUBSYS_78461462&REV_05	USB	Intel(R) 8 Series/C220 Series USB EHCI #2 - 8C2D
PCI standard host CPU bridge	PCIIVEN_8086&DEV_0C00&SUBSYS_78461462&REV_06	System	Intel(R) 4th Gen Core processor DRAM Controller - 0C00
PCI standard PCI-to-PCI bridge	PCIIVEN_8086&DEV_8C10&SUBSYS_78461462&REV_D5	System	Intel(R) 8 Series/C220 Series PCI Express Root Port #1 - 8C10

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 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_32Bit_10.18.10.3995	GFX_Win7_8_8.1_64Bit_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	VIA USB3.0	VIA_USB3.0_Win7_8.1_V4.90A	VIA_USB3.0_Win7_8.1_V4.90A		
8	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	Intel Smart Connect	Smart_Connect_Win7_8_8.1_5.0.10.2832	Smart_Connect_Win7_8_8.1_5.0.10.2832	Setup -s	

INF Driver Package details (Vig690M/Vig691M): Windows 7

Driver Description	Hardware ID	Class	Version	Date
Intel(R) 8 Series/C220 Chipset Family SATA AHCI	PCI\VEN_8086&DEV_8C02&SUBSYS_78171462&REV_05	AHCI	12.8.0.1016	08/01/2013
Intel(R) 8 Series/C220 Series SMBus Controller - 8C22	PCI\VEN_8086&DEV_8C22&SUBSYS_78171462&REV_05	Chipset	9.4.0.1023	25/07/2013
Intel(R) H81 LPC Controller - 8C5C	PCI\VEN_8086&DEV_8C5C&SUBSYS_78171462&REV_05	Chipset	9.4.0.1023	25/07/2013
Intel(R) Management Engine Interface	PCI\VEN_8086&DEV_8C3A&SUBSYS_78171462&REV_04	AMT	9.5.15.17.30	07/02/2013
Realtek PCIe GBE Family Controller	PCI\VEN_10EC&DEV_8168&SUBSYS_78171462&REV_0C	Network	7.090.0826.2014	08/26/2014
Intel(R) Smart Connect Technology Device	ACPI\INT33A0	Smart Connect	1.0.11	10/31/2013
Intel(R) HD Graphics 4600	PCI\VEN_8086&DEV_0412&SUBSYS_78171462&REV_06	VGA	10.18.10.3650	06/16/2014
Realtek High Definition Audio	HDAUDIO\FUNC_01&VEN_10EC&DEV_0887&SUBSYS_1462D817&REV_1003	Sound	6.0.1.7464	10/03/2014
Intel(R) USB 3.0 eXtensible Host Controller	PCI\VEN_8086&DEV_8C31&SUBSYS_78171462&REV_05	Intel USB3.0	3.0.0.34	05/30/2014
Intel(R) USB 3.0 Root Hub	IUSB3\ROOT_HUB30&VID_8086&PID_8C31&REV_0005&SID_78171462	Intel USB3.0	3.0.0.34	05/30/2014
TPM	ACPI\NFX0102	TPM	Built in	
VIA USB 2 Hub (Vig691M)	VUSB\VID_2109&PID_3431&REV_0420	VIA USB3.0	6.1.7600.4903	31/10/2014
VIA USB 3 Root Hub (Vig691M)	USB\VID_1106&PID_3483&REV_0001	VIA USB3.0	6.1.7600.4903	31/10/2014
VIA USB eXtensible Host Controller (Vig691M)	PCI\VEN_1106&DEV_3483&SUBSYS_78461462&REV_01	VIA USB3.0	6.1.7600.4903	31/01/2014

Windows 8.1 (32 & 64Bit)		Driver/Utility			
Installation order		Executable File		Silent Switch	Comments
		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_32Bit_10.18.10.3995	GFX_Win7_8_8.1_64Bit_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	
6	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	
7	Intel Smart Connect	Smart_Connect_Win7_8_8.1_5.0.10.2832	Smart_Connect_Win7_8_8.1_5.0.10.2832	Setup -s	
8	VIA USB 3	VIA_XHCI_7-8-8.1Driver_V4.90A	VIA_XHCI_7-8-8.1Driver_V4.90A		

INF Driver Package details (Vig690M): Windows 8.1

Driver Description	Hardware ID	Class	Version	Date
Intel(R) 8 Series/C220 Chipset Family SATA AHCI	PCI\VEN_8086&DEV_8C02&SUBSYS_78171462&REV_05	AHCI	12.8.0.1016	08/01/2013
Intel(R) 8 Series/C220 Series SMBus Controller - 8C22	PCI\VEN_8086&DEV_8C22&SUBSYS_78171462&REV_05	Chipset	9.4.0.1023	25/07/2013
Intel(R) H81 LPC Controller - 8C5C	PCI\VEN_8086&DEV_8C5C&SUBSYS_78171462&REV_05	Chipset	9.4.0.1023	25/07/2013
Intel(R) Management Engine Interface	PCI\VEN_8086&DEV_8C3A&SUBSYS_78171462&REV_04	AMT	9.5.15.17.30	07/02/2013
Realtek PCIe GBE Family Controller	PCI\VEN_10EC&DEV_8168&SUBSYS_78171462&REV_0C	Network	8.036.0826.2014	08/26/2014
Intel(R) Smart Connect Technology Device	ACPI\INT33A0	Smart Connect	1.0.11	10/31/2013
Intel(R) HD Graphics 4600	PCI\VEN_8086&DEV_0412&SUBSYS_78171462&REV_06	VGA	10.18.10.3650	06/16/2014
Realtek High Definition Audio	HDAUDIO\FUNC_01&VEN_10EC&DEV_0887&SUBSYS_1462D817&REV_1003	Sound	6.0.1.7464	03/10/2015
Intel(R) USB 3.0 eXtensible Host Controller	PCI\VEN_8086&DEV_8C31&SUBSYS_78171462&REV_05	Intel USB3.0	Built in	
Intel(R) USB 3.0 Root Hub	IUSB3\ROOT_HUB30&VID_8086&PID_8C31&REV_0005&SID_78171462	Intel USB3.0	Built in	
VIA USB 2 Hub (Vig691M)	VUSB\VID_2109&PID_3431&REV_0420	VIA USB3.0	6.1.7600.4903	31/10/2014
VIA USB 3 Root Hub (Vig691M)	USB\VID_1106&PID_3483&REV_0001	VIA USB3.0	6.1.7600.4903	31/10/2014
VIA USB eXtensible Host Controller (Vig691M)	PCI\VEN_1106&DEV_3483&SUBSYS_78461462&REV_01	VIA USB3.0	6.1.7600.4903	31/01/2014

Unknown / Other Devices in Device Manager (Vig700S):

Hardware Devices Listed in device Manager	Hardware ID	Associated Driver	INF Drivers
IDE ATA/ATAPI Controllers			
Standard AHCI 1.0 serial ATA Controller	PCI\VEN_8086&DEV_8C02&SUBSYS_85341043&REV_05	AHCI	Intel(R) 8 Series C220 Chipset Family SATA AHCI
Other devices			
Audio Device on High Definition Audio	HDAUDIO\FUNC_01&VEN_8086&DEV_2807&SUBSYS_80860101&REV_1000	Display	Intel(R) Display Audio
Audio Device on High Definition Audio	HDAUDIO\FUNC_01&VEN_10EC&DEV_0887&SUBSYS_10438576&REV_1003	Audio	Realtek High Definition Audio
Ethernet Controller	PCI\VEN_10EC&DEV_8168&SUBSYS_85541043&REV_0C	LAN driver	Realtek PCIe GBE Family Controller
PCI Simple Communication Controller	PCI\VEN_8086&DEV_8C3A	AMT	Intel(R) Management Engine Interface
SM BUS Controller	PCI\VEN_8086&DEV_8C22&SUBSYS_85341043&REV_05	Chipset	Intel(R) 8 Series/C220 Series SMBus Controller - 8C22
Universal Serial BUS (USB) controller	PCI\VEN_8086&DEV_8C31&SUBSYS_85341043&REV_05	USB3.0	Intel(R) USB 3.0 eXtensible Host Controller
Unknown Device	IUSB3\ROOT_HUB30&VID_8086&PID_8C31&REV_0005&SID_85341043	USB3.0	Intel(R) USB 3.0 Root Hub
Video Controller (VGA compatible)	PCI\VEN_8086&DEV_0412&SUBSYS_85341043&REV_06	VGA Driver	Intel(R) HD Graphics 4600
Universal Serial BUS (USB) controller	PCI\VEN_1B21&DEV_1142&SUBSYS_85BF1043&REV_00	USB3.0	ASMedia XHCI 1.0 Controller
Unknown Devices	USB\ASMedia\USB_D_Hub&VID_040E&PID_0100&REV_0000	USB3.0	USB Root Hub
Unknown Devices	ACPI\PNP0A0A	ACPI	AMDA00 Interface
Trusted Platform Module	ACPI\FX0102	TPM	Trusted Platform Module 1.2
Unknown	ACPI\INT33A0	Smart Connect	Intel(R) Smart Connect Technology Device

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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
		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_32Bit_10.18.10.3995	GFX_Win7_8_8.1_64Bit_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	Asmedia USB 3.0	Asmedia_USB3_Win7_VER116120	Asmedia_USB3_Win7_VER116120		
8	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	Intel Smart Connect	Smart_Connect_Win7_8_8.1_5.0.10.2832	Smart_Connect_Win7_8_8.1_5.0.10.2832	Setup -s	
10	AMDA00 Interface	AMDA00_ACPI_Win7Win8Win8_14.47.55.692	AMDA00_ACPI_Win7Win8Win8_1_14.47.55.692		

INF Driver Package details (Vig700s): Windows 7

Driver Description	Hardware ID	Class	Version	Date
Intel(R) 8 Series/C220 Chipset Family SATA AHCI	PCI\VEN_8086&DEV_8C02&SUBSYS_85341043&REV_05	AHCI	12.8.0.1016	08/01/2013
Intel(R) 8 Series/C220 Series SMBus Controller - 8C22	PCI\VEN_8086&DEV_8C22&SUBSYS_85341043&REV_05	Chipset	9.4.0.1023	25/07/2013
Intel(R) 4th Gen Core processor DRAM Controller - 0C00	PCI\VEN_8086&DEV_0C00&SUBSYS_85341043&REV_06	Chipset	9.4.0.1023	25/07/2013
Intel(R) H81 LPC Controller - 8C5C	PCI\VEN_8086&DEV_8C5C&SUBSYS_85341043&REV_05	Chipset	9.4.0.1023	25/07/2013
Intel(R) Management Engine Interface	PCI\VEN_8086&DEV_8C3A&SUBSYS_85341043&REV_04	AMT	9.5.15.17.30	07/02/2013
Realtek PCIe GBE Family Controller	PCI\VEN_10EC&DEV_8168&SUBSYS_85541043&REV_0C	Network	7.090.0826.2014	08/26/2014
Intel(R) Smart Connect Technology Device	ACPI\INT33A0	Smart Connect	1.0.11	10/31/2013
Intel(R) HD Graphics 4600	PCI\VEN_8086&DEV_0412&SUBSYS_85341043&REV_06	VGA	10.18.10.3650	06/16/2014
Realtek High Definition Audio	HDAUDIO\FUNC_01&VEN_10EC&DEV_0887&SUBSYS_10438576&REV_1003	Sound	6.0.1.7464	10/03/2014
Intel(R) USB 3.0 eXtensible Host Controller	PCI\VEN_8086&DEV_8C31&SUBSYS_85341043&REV_05	Intel USB3.0	3.0.0.34	05/30/2014
Intel(R) USB 3.0 Root Hub	IUSB3\ROOT_HUB30&VID_8086&PID_8C31&REV_0005&SID_85341043	Intel USB3.0	3.0.0.34	05/30/2014
ASMedia XHCI 1.0 Controller	PCI\VEN_1B21&DEV_1142&SUBSYS_85BF1043&REV_00	USB3.0	1.16.12.0	8/16/2013
USB Root Hub	USB\ASMEDIA\USBD_Hub&VID_040E&PID_0100&REV_0000	USB3.0	1.16.12.0	08/16/2013
AMDA00 Interface	ACPI\PNP0A0A	AMDA00 Interface	1.0.0.0	06/27/2013

Windows 8.1 (32 & 64Bit)		Driver/Utility			
Installation order		Executable File		Silent Switch	Comments
		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_32Bit_10.18.10.3995	GFX_Win7_8_8.1_64Bit_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	
6	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	
7	Intel Smart Connect	Smart_Connect_Win7_8_8.1_4.2.40.2384	Smart_Connect_Win7_8_8.1_4.2.40.2384	Setup -s	
8	AMDA00 Interface	AMDA00_ACPI_Win7Win8Win8-1_14.47.55.692	AMDA00_ACPI_Win7Win8Win8-1_14.47.55.692		

INF Driver Package details (Vig700s): Windows 8.1

Driver Description	Hardware ID	Class	Version	Date
Intel(R) 8 Series/C220 Chipset Family SATA AHCI	PCI\VEN_8086&DEV_8C02&SUBSYS_85341043&REV_05	AHCI	12.8.0.1016	08/01/2013
Intel(R) 8 Series/C220 Series SMBus Controller - 8C22	PCI\VEN_8086&DEV_8C22&SUBSYS_85341043&REV_05	Chipset	9.4.0.1023	22/10/2013
Intel(R) 4th Gen Core processor DRAM Controller - 0C00	PCI\VEN_8086&DEV_0C00&SUBSYS_85341043&REV_06	Chipset	9.4.0.1023	22/10/2013
Intel(R) H81 LPC Controller - 8C5C	PCI\VEN_8086&DEV_8C5C&SUBSYS_85341043&REV_05	Chipset	9.4.0.1023	22/10/2013
Intel(R) Management Engine Interface	PCI\VEN_8086&DEV_8C3A&SUBSYS_85341043&REV_04	AMT	9.5.15.17.30	07/02/2013
Realtek PCIe GBE Family Controller	PCI\VEN_10EC&DEV_8168&SUBSYS_85541043&REV_0C	Network	8.036.0826.2014	08/26/2014
Intel(R) Smart Connect Technology Device	ACPI\INT33A0	Smart Connect	1.0.11	10/31/2013
Intel(R) HD Graphics 4600	PCI\VEN_8086&DEV_0412&SUBSYS_85341043&REV_06	VGA	10.18.10.3650	06/16/2014
Realtek High Definition Audio	HDAUDIO\FUNC_01&VEN_10EC&DEV_0887&SUBSYS_10438576&REV_1003	Sound	6.0.1.7464	03/10/2015
AMDA00 Interface	ACPI\PNP0A0A	Asus	1.0.0.0	06/27/2013

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: No Drivers are available for Windows XP

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

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

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

Note: There are no Windows XP drivers available for Vig690M, Vig691M and Vig700S motherboard. Motherboards are approved for Windows 7 and Windows 8/8.1 operating systems.



PROPRIETARY

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	RTGBND2.147_EXE68.zip
	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	
Others	Microsoft .Net 3.5SP1	
Viglen Remote_Management_Tool	Vig690M_Remote_Management_Tool_1.0.1.25	1.0.1.25
	Vig700S_Remote_Management_Tool_Client_1.0.0.13_Server_0.0.8	Client_1.0.0.13 Server_0.0.8

Drivers and latest BIOS are available from Viglen FTP site:

Vig690M - <http://download.viglen.co.uk/files/Motherboards/Vig690M/>

Vig691M - <http://download.viglen.co.uk/files/Motherboards/Vig691M/>

Vig700S - <http://download.viglen.co.uk/files/Motherboards/Vig700S/>

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 3.5 and 4.0 is also available on the Driver DVD under "Others" Folder

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.

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Viglen recommends Windows 8.