

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: VIG104S |
| Revision: 1.0 Release Date: 07 January 2016 | Viglen Part code: PMPAS104 |

Intel(R) Rapid Storage Technology Enterprise Driver:

| Bios SATA Controller Mode | Controller |
|---------------------------|---|
| AHCI | Standard AHCI 1.0 Serial ATA Controller |

Unknown / Other Devices in Device Manager (Vig104S):

| 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_22A3&SUBSYS_85341043&REV_21 | AHCI | Standard AHCI 1.0 Serial ATA Controller |
| Other devices | | | |
| Audio Device on High Definition Audio Bus | PCI\VEN_8086&DEV_2284&SUBSYS_85761043&REV_21 | Display | Intel(R) Display Audio |
| Audio Device on High Definition Audio Bus | HDAUDIO\FUNC_01&VEN_10EC&DEV_0887&SUBSYS_10438576&REV_1003 | Audio | Realtek High Definition Audio |
| Ethernet Controller | PCI\VEN_10EC&DEV_8168&SUBSYS_86771043&REV_15 | LAN driver | Realtek PCIe GBE Family Controller |
| SM BUS Controller | PCI\VEN_8086&DEV_2292&SUBSYS_85341043&REV_21 | Chipset | Intel(R) Celeron(R)/Pentium(R) SM Bus Controller - 2292 |
| Universal Serial BUS (USB) controller | PCI\VEN_8086&DEV_22B5&SUBSYS_85341043&REV_21 | USB3.0 | Intel(R) USB 3.0 eXtensible Host Controller |
| Unknown Device | IUSB3\ROOT_HUB30&VID_8086&PID_22B5&REV_0021&SID_85341043 | USB3.0 | Intel(R) USB 3.0 Root Hub |
| Video Controller (VGA compatible) | PCI\VEN_8086&DEV_22B1&SUBSYS_85341043&REV_21 | VGA Driver | Intel(R) HD Graphics |
| Unknown Devices | PCI\VEN_8086&DEV_2298&SUBSYS_85341043&REV_21 | TPM | Intel(R) Trusted Execution Engine Interface |

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.



PROPRIETARY

| Windows 7 (64Bit) | | Driver/Utility | | | |
|--------------------|---|--|--|---------------|----------|
| Installation order | | Executable File | | Silent Switch | Comments |
| | | Windows 7 32 Bit | Windows 7 64 Bit | | |
| 1 | Chipset: | Intel_Chipset_Win7-8-1-10_VER10027 | Intel_Chipset_Win7-8-1-10_VER10027 | setup -s | |
| 2 | Onboard Graphics | Intel_VGA_Win7-8-1_V1018144234 | Intel_VGA_Win7-8-1_V1018144234 | | |
| 3 | Audio: Realtek* ALC Audio | Realtek_Audio_Win7-8-1-10_VV6017443 | Realtek_Audio_Win7-8-1-10_VV6017443 | | |
| 4 | LAN: Realtek* Gigabit | Realtek_LAN_Win7-V792115_Win81_V838115 | Realtek_LAN_Win7-V792115_Win81_V838115 | | |
| 5 | USB3.0 | Intel_USB3_Win7_40027_Win81_V10026 | Intel_USB3_Win7_40027_Win81_V10026 | | |
| 6 | TXT | Intel_TXE_Win7-8-1_V2001036 | Intel_TXE_Win7-8-1_V2001036 | | |
| 7 | Utility – Windows 7 and USB 3.0 Driver installation | V1_00_08_Windows® 7 and USB 3.0 driver installation for 100 Series | | | |
| 8 | *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

| Windows 8/8.1 (64Bit) | | Driver/Utility | | | |
|-----------------------|---------------------------|--|--|---------------|----------|
| Installation order | | Executable File | | Silent Switch | Comments |
| | | Windows 8 32 Bit | Windows 8 64 Bit | | |
| 1 | Chipset: | Intel_Chipset_Win7-8-1-10_VER10027 | Intel_Chipset_Win7-8-1-10_VER10027 | setup -s | |
| 2 | Onboard Graphics | Intel_VGA_Win7-8-1_V1018144234 | Intel_VGA_Win7-8-1_V1018144234 | | |
| 3 | Audio: Realtek* ALC Audio | Realtek_Audio_Win7-8-1-10_VV6017443 | Realtek_Audio_Win7-8-1-10_VV6017443 | | |
| 4 | LAN: Realtek* Gigabit | Realtek_LAN_Win7-V792115_Win81_V838115 | Realtek_LAN_Win7-V792115_Win81_V838115 | | |
| 5 | USB3.0 | Intel_USB3_Win7_40027_Win81_V10026 | Intel_USB3_Win7_40027_Win81_V10026 | | |
| 6 | TXT | Intel_TXE_Win7-8-1_V2001036 | Intel_TXE_Win7-8-1_V2001036 | | |
| 7 | *Microsoft NetFX | Microsoft. Net 4.5.2 | Microsoft. Net 4.5.2 | | |

| 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_Win10_10117 | Intel_Chipset_Win10_10117 | setup -s | |
| 2 | Onboard Graphics | Intel_VGA_Win1018154248 | Intel_VGA_Win1018154248 | | |
| 3 | Audio: Realtek* ALC Audio | Realtek_Audio_Win10_V6_0_1_7503 | Realtek_Audio_Win10_V6_0_1_7503 | | |
| 4 | LAN: Realtek* Gigabit | Realtek_LAN_Win10_V1015052015 | Realtek_LAN_Win10_V1015052015 | | |
| 5 | TXT | Intel_TXEI_WIN10_V2001067 | Intel_TXEI_WIN10_V2001067 | | |

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

Other Drivers/Software

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

| Driver/Utility | | |
|-------------------------|------------------------------------|-------------------|
| Folder Name | Win PE LAN driver (RIS) | NDIS2_DOS (PXE) |
| Win_PE_NDIS2_LAN_Driver | NDIS2_Win7_32_7.092.0115.2015 | NDIS2-1.50 |
| | NDIS2_Win7_64_7.092.0115.2015 | |
| | NDIS3_8.038.0115.2015_Win8-1_32Bit | |
| | NDIS3_8.038.0115.2015_Win8-1_64Bit | |
| | NDIS4_10.001.0505.2015_Win10-32Bit | |
| | NDIS4_10.001.0505.2015_Win10-64Bit | |
| | | |
| Microsoft. Net 4.5.2 | Microsoft .Net 4.5.2 | |

Drivers and latest BIOS are available from Viglen FTP site:

Vig104S - <http://download.viglen.co.uk/files/Motherboards/Vig104S/>

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.