

vx4W10, version 91.442 Changelog

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| vx4W10_d91_p442.iso |  
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Released March 15th, 2019

Major Fixes

AMD Driver

AMD Driver updated to 190226a. This addresses a system instability exacerbated by power state changes.

Power button behaviour

Power button no longer issues an immediate Windows shutdown command when pressed. This was deemed a hazard due to the proximity of the USB ports on the front panel of the server and has been put in place to minimise the risk of accidental shutdown. Holding the button down for 5 seconds will still trigger a hard power off. It is recommended that the system always be powered down via the Start menu.

New Features

OS version

The OS version numbering scheme has been revised to make support and version control of the OS releases easier. This can be seen in d3manager > Help > About d3manager.

Windows 1809

This version will update the vx4 to Windows 10 1809 from 1803 and includes all Windows updates through to early March 2019.

VimbaCam

VimbaViewer and all Allied Vision software needed to manage the machine vision OmniCal kit is now pre-installed.

.net Framework 3.5

The .net 3.5 framework is now included. This would normally have been very difficult to install due to Windows Update policies.

Improvements

Media Player Classic and K-lite codec pack

Replaces SMPlayer for media playback outside of d3. This is included as a convenience to allow users to view their content outside of d3. This change will also enable media thumbnails in the File Explorer for all supported codecs.

Spectre and Meltdown

Built-in mitigations for Spectre and Meltdown have been disabled due to the reported performance impact they can have.

Driver and firmware updates

Multiple minor driver updates

Deltacast dCare: 1.3.12 -> 1.4

Deltacast dScope: 1.2.10 -> 1.2.11

Intel Chipset: 10.1.2.85 -> 10.1.17903.8106

Intel Network Connections Software: 22.10 -> 23.5.2

LSI Storage Authority: 004.134.000.000 -> 005.038.000.000

MegaSAS RAID: 7.707.08.00 -> 7.708.12.00

Mellanox OF2: 1.90.50015 -> 2.10.50010

Mellanox Firmware Tool: 4.10.0.104 -> 4.11.0.103

VideoMaster Redist: 6.08 -> 6.10

The installers found in the Extra Utilities folder have also been updated to their latest versions circa February 2019.

Remote Machine Management and RAID firmwares have also been updated.

Current known issues

PCI Express Root Port

A large amount of removable devices with names similar to this will be present in the Safely Remove Hardware and Eject Media menu.

Write-caching

Write-caching for small files is permanently enabled on the front USB ports only. Writing a file to an external USB drive may produce this behaviour if the file is small enough (less than 1GB). Safely ejecting the drive before removal should help ensure the file is transferred.

Please contact support@disguise.one for feedback and issues