



Intel[®] Ethernet Controller I225/ I226

Windows NDIS Driver Release 1.1.4.38

Driver Release Note
February 2022

Intel Confidential

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Intended Audience

The intended audience for this is OEM/ODM software developers, test and validation engineers, and system integrators.

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NOTE: If your distributor provides technical support for this product, please contact them for support rather than Intel.

1. Introduction

1.1 Scope of Document

This document provides information about release components included in Intel® Ethernet Controller I225/I226 software. Additionally, this document contains information about changes relevant for these driver releases.

1.2 Acronyms and Terms

| Term | Description |
|------|--------------------------------------------|
| BIOS | Basic Input Output System |
| CRB | Intel® Customer Reference Board |
| FW | Firmware |
| GbE | Gigabit Ethernet |
| LAN | Local Area Network |
| MAC | Media Access Control |
| PCH | Platform Control Hub |
| WMI | Windows* Management Instrumentation |
| WSI | Web Services Interoperability Organization |
| CFL | Coffee Lake |
| UWD | Universal Windows Driver |

2. Release Kit details

This document covers Intel® Ethernet Controller I225 driver release kit for all the supported platforms.

2.1 Intel® Ethernet Controller I225/ I226 Windows NDIS Driver Release 1.1.4.38

- This Kit support all Intel® Ethernet Controller I225/ I226 platforms
- This Kit provides WHQL signature for
 - Windows 10 Client 1809 (RS5)
 - Windows 10 Client 2004 (20H1)
 - Windows Server 2019 (RS5)
 - Windows Server 2022 (21H2)
 - Windows 11 Client 21H2
 - Windows 11 Client 22H2

Kit contains the following main components:

| Component | Version |
|-----------------------------|----------|
| Windows NDIS Driver – e2f68 | 1.1.4.38 |

Microsoft Partner Center Resell ID:

| Name on MSFT website | Driver Version | Driver/ OS certification type | Shared product ID | Private product ID | Submission Id |
|-----------------------------------------|----------------|---------------------------------------------------------------------------------|-------------------|--------------------|---------------------|
| Intel(R) Ethernet Controller I225/ I226 | 1.1.4.38 | Win10 x64 RS5/ 20H1/ Win11 21H2, 22H2/ Win Server 2019 (RS5), 2022 (21H2) - UWD | 401237026 | 14585969528002402 | 1152921505695958351 |

3. Fixed Issues

3.1 Closed – Windows LAN Driver

| Issues # | Description | Fixed in Windows Driver Version |
|-------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| 13010130812 | Fix for MsgDll not being properly referenced by INF | 1.1.4.38 |
| 13010087386 | [I226] BSOD observed after exiting from ULP in S0 state | 1.1.4.38 |
| 15011543077 | Gige camera acquisition in UDP experiencing frame corrupted | 1.1.4.38 |
| 13010560068 | Sporadic Networking Connection Drops on Certain Switches and Routers (Reference Sighting Alert RDC #768439) | 1.1.4.34 Mitigation Solution: Disable EEE |
| 15010851963 | I225V TP-LINK TL-SG108-M2 SWITCH_ no Link in SX_ S3 back to S0 drop to 100Mbps | 1.1.3.34 |
| 1309826170 | Yellow Bang (Code 10) on I225LMvP in S0 hot attach | 1.1.3.34 |
| 1309822521 | Fail to RDP during CS (IPv4) after G3 with NDIS driver | 1.1.3.34 |
| 13010081418 | wakeupFiltersExt member is not cleared by the SW after D3 | 1.1.3.34 |
| 1309677385 | Flow Control Receive Threshold High Value Calculation default value is incorrect | 1.1.3.34 |
| | Support I226 | 1.1.3.28 |
| 1309499063 | BSOD 0x9F occurred when Thunderbolt dock (full inserted) unplug then restart. | 1.1.3.28 |
| 1309129564 | After exiting from Selective Suspend, LAN device sends wrong LTR value | 1.1.3.28 |
| 1308898768 | [TBT4 Dock] Audio glitch at host during audio playback when the dock is connected | 1.0.2.22 |
| 22013467411 | Windows Server 2022 BSOD | 1.0.2.22 |
| | Windows Server 2022 compilation flag | 1.0.2.22 |
| 1308470628 | [TBT4 Dock] The Speed&Duplex cannot change after execute restart(Only PCIE LAN) -FR:3/3 | 1.0.2.14 |
| 1308319953 | TBT 4 Dock still appear in Device Manager and Settings > Device and printers after hot detach from the system | 1.0.2.13 |
| 1308182494 | SUT can be waked from S3 after disabling wake options | 1.0.2.13 |
| 1308143231 | 'TGL-U [TBT-Dock]: I225 MAC address is not aligned with I219 MAC address after dock reconnect while MAPT is enabled' | 1.0.2.8 |
| 1307277132 | When Wake-on-LAN settings are ALL disabled in driver, the device can still support Wake on LAN from Sx state by Magic Packet' | 1.0.2.6 |
| | Remove the .xml file for signing (to avoid the error: "Error during processing PKCS7 structure") | 1.0.1.8 |
| 1307276491 | Network status remained Connected while disconnecting LAN cable in Sx then resuming back to S0 | 1.0.1.4 |
| 1307355654 | Downshift link speed to 10M/ 100M (EEE only) when the system in ACPI Sx (i.e. S3, S4 and S5) | 1.0.1.4 |
| | B1 IPG Fix | 1.0.0.13 |
| | Performance improvements | 1.0.0.11 |
| | fix in localization strings | 1.0.0.10 |

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