

**Intel ®Ethernet Connection I219**

**Windows NDIS Driver Release** 12.19.2.60

**Driver Release Note  
June 2024**

**Intel Confidential**

*Contents*

[1. Introduction 4](#_Toc170717949)

[1.1 Scope of Document 4](#_Toc170717950)

[1.2 Acronyms and Terms 4](#_Toc170717951)

[2. Release Kit details 5](#_Toc170717952)

[2.1 Intel® Ethernet Connection I219 Windows NDIS Driver Release 12.19.2.60 5](#_Toc170717953)

[3. Fixed Issues 6](#_Toc170717954)

[3.1 Closed – Windows LAN Driver 6](#_Toc170717955)

*Intended Audience*

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

*Customer Support*

For technical support, including answers to questions not addressed in this product, visit the technical support forum at **https://premiersupport.intel.com/IPS/home/home.jsp**.

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

# Introduction

## Scope of Document

This document provides information about release components included in Intel ®Ethernet Connection I219 driver release. Additionally, this document contains information about changes relevant for these driver releases.

## 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 |
| WHL | Whiskey |
| UWD | Universal Windows Driver |

# Release Kit details

This document covers Intel ®Ethernet Connection I219 driver release kit for all the supported platforms.

## Intel® Ethernet Connection I219 Windows NDIS Driver Release 12.19.2.60

* This Kit support all Intel® Ethernet Connection I219 platforms
* This Kit provides WHQL signature for
  + Windows 10 2004 (20H1)
  + Windows Server 2022 (21H2)
  + Windows 11 (21H2) WHQL driver
  + Windows 11 (22H2) WHQL driver
  + Windows 11 (24H2) WHQL driver

Kit contains the following main components:

|  |  |
| --- | --- |
| Component | Version |
| Windows NDIS Driver – e1d68 | 12.19.2.60 |

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 Connection I219 | 12.19.2.60 | Win10 x64 20H1/ Win11 21H2, 22H2, 24H2/ Win Server 2022 (21H2) | 401774950 | 14296512070990218 | 1152921505697741094 |

# Fixed Issues

## Closed – Windows LAN Driver

|  |  |  |
| --- | --- | --- |
| **Issues #** | **Description** | **Fixed in Windows Driver Version** |
| 14021508658 | [MTL] WinPE download image too slow | 12.19.2.60 |
|  | NDIS drivers Don't exit D3 (selective suspend) from IPv6 pings after clearing NS table | 12.19.2.59 |
| 15015180988 | [ARL-S][MTL-PS] S4ix/S5ix not working when AMT is provisioned | 12.19.2.58 |
| 14020945163 | 100M speed LAN performance doesn't meet specification (testing by iperf or transmitting a file) with 12.19.2.56 driver | 12.19.2.57 |
| 15014374408 | I219 device needs to spend 7~9 mins to enter PXE boot with RJ45 LAN connected (1000MB) | 12.19.2.57 |
| 13011147384 | False Link Status in Windows Ethernet Status after disconnecting the LAN cable | 12.19.2.56 |
| 13011023698 | NS offload doesn't work in CS starting version 12.19.2.50 | 12.19.2.55 |
| 18024913705 | Device hang while running TCP small packets session | 12.19.2.53 |
| 13010797149 | [MTL-H][Win10]Observed Yellow bang on Intel(R) Ethernet Connection (18) I219-LM during S4/WR cycling (No cable connected) | 12.19.2.53 |
| 13010798726 | [MTL-P][Win10]:Low performance Tx on file transfer | 12.19.2.53 |
| 15012416612 | [Basin Fall][Corporate][I219LM] No or Intermittent Network Connectivity | 12.19.2.50 |
| 1309872293 | [TGL][ADL] Proxy offload doesn''t work in S3 config when connected to LP that supports 1G + EEE' | 12.19.2.50 |
| 1309459060 | [ADL][Corporate][I219LM] SUT sporadically hang up with CATT error LED on during coldboot and warmboot cycling test' | 12.19.2.50 |
| 22014296206 | Support Max NDIS version in WDK (NDIS 6.85) | 12.19.2.45 |
|  | Eagle Stream Platform Support | 12.19.2.45 |
|  | Windows Server 2022 Support | 12.19.2.45 |
| 1308456835 | Link flap during dis\connected in CS | 12.19.1.37 |
| 1308415589 | CMS Exit Latency values not meeting PV milestone QRC Target ( < 525 ms) | 12.19.1.37 |
| 1308276790 | The ucode is not replying to ARP Requests | 12.19.1.35 |
| 1308131979 | Mphy not power gating for non-S0ix-enabled system for Intel Rocket Lake-S platform with Intel ® 500 series PCH | 12.19.1.32 |
| 22010615822 | Modern Standby Wake on LAN support for CometLake | 12.19.0.18 |
| 1307390927 | GbE not power gated during CS and blocked SLP\_S0 when LAN cable is disconnected | 12.19.0.18 |
| 1307496454 | [TGLU] [Selective Suspend] [Corporate][cable connected]: Fail exit from D3 during ping | 12.19.0.16 |
| 1307765197 | [TGL-U/Y-B0]Onboard Ethernet NIC unable to Rx/Tx pings over ~2960 bytes | 12.19.0.16 |
| 1307891799 | [TGL-U] Adding driver workaround for PME HW bug. | 12.19.0.16 |
| 1307900089 | [CML][Corporate] Ethernet Gbe not power gated during CS and block SLP\_S0 (Cable Dis) | 12.19.0.16 |
| 1308022529 | [TGL-U][CORP] Platform wakes to S0, on ping in SX/CM3PG | 12.19.0.16 |
| 1307891799 | [TGL-U] Adding driver workaround for PME HW bug | 12.19.0.13 |
| 1307900089 | Ethernet Gbe not power gated during CS and block SLP\_S0 (Cable Dis) | 12.19.0.12 |
| 1307891799 | [TGL-U] Adding driver workaround for PME HW bug | 12.19.0.11 |
| 1307738649 | [S5/S4/WR][B0]: Three-strike timeout Pointing to GBE LAN [0x0c00fe0a8] | 12.19.0.10 |
| 1307765197 | [TGL-U/Y-B0]Onboard Ethernet NIC unable to Rx/Tx pings over ~2960 bytes | 12.19.0.10 |
| 2209028281 | Client.NDIS.E1D - Replace use of "VlanID" with "IntelANSVlanID" for Intel ANS VLANs | 12.19.0.10 |
| 1307496454 | SW/HW Drips/SLP\_S0 blocked on OS HDD SKU with Ethernet cable connected | 12.18.9.23 |
| 1307475134 | System auto-wakes from S5 if "Wake on LAN" is set to "Forced" in Device Manager Ethernet properties (Cable Dis) | 12.18.9.22 |
| 1307248752 | [CML-U6+2-V1][4STAR][CORP][19H2][CS][HLK]:-Modern Standby Basic Requirement Test on AC-DC power Source tests are failing , Due to Hardware drips Pointing to Lan' | 12.18.9.20 |
| 1307118142 | The Laptop resumes automatically after S4/S5 (with LAN Connected) on Modern Standby systems | 12.18.9.17 |
| 2206851518 | Log link state event of I219LM adapter is not displayed correctly. | 12.18.9.11 |
| 1305987283 | WHL boards Gbe hang needs W/O in Jacksonville E1D | 12.18.9.7 |
| 1306184540 | MAC not entering DPG after CMS or S4 | 12.18.9.7 |
| 1306344445 | When resuming from Connected Modern Standby, the link speed in windows network status will be showed 10Mbps | 12.18.9.7 |
| 1306448525 | E1D auto wake during CMS cause power consumption | 12.18.9.7 |
| 1504783878 | Unit cannot detect Ethernet when plug in LAN cable after Skype calling | 12.18.9.7 |

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