



Intel[®] Ethernet Connection I219

Windows NDIS Driver Release

12.19.2.64

Driver Release Note

April 2025

Intel Confidential

Contents

| | |
|--|----------|
| 1. Introduction | 4 |
| 1.1 Scope of Document..... | 4 |
| 1.2 Acronyms and Terms | 4 |
| 2. Release Kit details | 5 |
| 2.1 Intel® Ethernet Connection I219 Windows NDIS Driver Release 12.19.2.64 | 5 |
| 3. Fixed Issues | 6 |
| 3.1 Closed – Windows LAN Driver | 6 |

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.

1. Introduction

1.1 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.

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

2. Release Kit details

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

2.1 Intel® Ethernet Connection I219 Windows NDIS Driver Release 12.19.2.64

- This Kit support all Intel® Ethernet Connection I219 platforms
- This Kit provides WHQL signature for
 - Windows 10 VB Update
 - Windows Hardware Compatibility Program - Server, version 21H2
 - Windows 11 (22H2) WHQL driver
 - Windows 11 (24H2) WHQL driver

Kit contains the following main components:

| Component | Version |
|-----------------------------|------------|
| Windows NDIS Driver – e1d68 | 12.19.2.64 |

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 I219 NDIS v12.19.2.64 | 12.19.2.64 | Win10 x64 20H1/ Win11 21H2, 22H2, 24H2/ Win Server 2022 (21H2) | 402150675 | 13767739023207970 | 1152921505699027001 |

3. Fixed Issues

3.1 Closed – Windows LAN Driver

| Issues # | Description | Fixed in Windows Driver Version |
|-------------|--|---------------------------------|
| 14021261609 | Fix for chopped TX packets issue | 12.19.2.64 |
| 13012094522 | [LNL-Mx][A2][Win10][SV3][GC][1][PM] GBE is blocking Sxi2.1 & Sxi2.2 in S4 in Windows 10 | 12.19.2.62 |
| 13011911574 | [LNL] [MTL] LAN has a number of static State Separation violations (as assessed by InfVerif /h) that prevent HLK certification on Win11 24H2 | 12.19.2.61 |
| 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 |

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|-------------|---|------------|
| 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 |

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|------------|--|------------|
| 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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