



Intel[®] Ethernet Connection I219

Windows NetAdapterCx Driver Release

20.0.1.46

Driver Release Note
October 2023

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 NetAdapterCx Driver Release 20.0.1.46.....	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 Controller I225 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 Connection I219 Windows NetAdapterCx driver release kit for the supported platforms.

2.1 Intel® Ethernet Connection I219 Windows NetAdapterCx Driver Release 20.0.1.46

- This Kit support all Intel® platforms from Meteor Lake and beyond

Kit contains the following main components:

Component	Version
Windows NetAdapterCx Driver – e1dn	20.0.1.46

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-LM	20.0.1.46	Win11 (21H2) - DCHU Win11 (22H2) - DCHU	401493662	13526717987168600	1152921505696803604

3. Fixed Issues

3.1 Closed – Windows LAN Driver

Issues #	Description	Fixed in Windows Driver Version
13011147280	[MTL-H] BSOD: "DPC_WATCHDOG_VIOLATION (133)" with MODULE_NAME: "e1dn" while running Cold Boot/Warm Reset test	20.0.1.46
13010047824	[MTL-P][corporate] YB after idle in S0 (caused by broken interface on power up)	20.0.1.46
13011079882	[MTL-P][Corporate] Driver stay in D3 after connecting LAN Cable (only when ULP is enabled)	20.0.1.46
13010042257	[MTL-P][Corporate][NetAdapter] Gbe hangs after enabling from Device Manager, then directly connect the cable	20.0.1.43
16021180545	[MTL-P][Nahum] code 43 YB on I219 controller in S4 and CS stability runs	20.0.1.43
13010589703	[MTL-P-DDR5-SBS][DDR5][Corporate-Provision]: Link disconnected during CS cycles	20.0.1.39
13010567119	[Nahum] Netadapter drivers are indicating redundant link up indication to the OS after RTD3	20.0.1.39
13010792120	[NetAdapter][I219][WHQL] HLK PM_WolPattern test fails	20.0.1.39
13010881710	[MTL-S][Consumer][NetAdapter] No wake from Magic packet while in S3/S4 not reproduced with inbox NDIS 12.19.1.32	20.0.1.39
13010865807	[MTL-P-DDR5-SBS][DDR5][Corporate-Provision]: MAC-PHY Broken interface during CS cycles(signature #2)	20.0.1.39
18025537956	[MTL-M-P][Nahum][NetAdapter][Corp-Non provision][SV2]: Link downgrade to 10M during CS cycles	20.0.1.33
13010356090	[Nahum][NetAdapter] e1dnexpress events cannot be found in the event viewer	20.0.1.33
13010559007	[MTL-P B0] BSOD: ATTEMPTED_SWITCH_FROM_DPC (b8) with IMAGE_NAME: e1dn.sys during S0ix cycling with Concurrency traffic	20.0.1.33
13010567119	[Nahum] Netadapter drivers are indicating redundant link up indication to the OS after RTD3	20.0.1.33
13010592583	[MTL-P 682][S0ix] Yellow bang on Ethernet port on consumer configuration	20.0.1.33

LEGAL

INFORMATION IN THIS DOCUMENT IS PROVIDED IN CONNECTION WITH INTEL PRODUCTS. NO LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OR OTHERWISE, TO ANY INTELLECTUAL PROPERTY RIGHTS IS GRANTED BY THIS DOCUMENT. EXCEPT AS PROVIDED IN INTEL'S TERMS AND CONDITIONS OF SALE FOR SUCH PRODUCTS, INTEL ASSUMES NO LIABILITY WHATSOEVER AND INTEL DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY, RELATING TO SALE AND/OR USE OF INTEL PRODUCTS INCLUDING LIABILITY OR WARRANTIES RELATING TO FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, OR INFRINGEMENT OF ANY PATENT, COPYRIGHT OR OTHER INTELLECTUAL PROPERTY RIGHT.

A "Mission Critical Application" is any application in which failure of the Intel Product could result, directly or indirectly, in personal injury or death. SHOULD YOU PURCHASE OR USE INTEL'S PRODUCTS FOR ANY SUCH MISSION CRITICAL APPLICATION, YOU SHALL INDEMNIFY AND HOLD INTEL AND ITS SUBSIDIARIES, SUBCONTRACTORS AND AFFILIATES, AND THE DIRECTORS, OFFICERS, AND EMPLOYEES OF EACH, HARMLESS AGAINST ALL CLAIMS COSTS, DAMAGES, AND EXPENSES AND REASONABLE ATTORNEYS' FEES ARISING OUT OF, DIRECTLY OR INDIRECTLY, ANY CLAIM OF PRODUCT LIABILITY, PERSONAL INJURY, OR DEATH ARISING IN ANY WAY OUT OF SUCH MISSION CRITICAL APPLICATION, WHETHER OR NOT INTEL OR ITS SUBCONTRACTOR WAS NEGLIGENT IN THE DESIGN, MANUFACTURE, OR WARNING OF THE INTEL PRODUCT OR ANY OF ITS PARTS.

Intel may make changes to specifications and product descriptions at any time, without notice. Designers must not rely on the absence or characteristics of any features or instructions marked "reserved" or "undefined". Intel reserves these for future definition and shall have no responsibility whatsoever for conflicts or incompatibilities arising from future changes to them. The information here is subject to change without notice. Do not finalize a design with this information.

The products described in this document may contain design defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request.

Contact your local Intel sales office or your distributor to obtain the latest specifications and before placing your product order.

Copies of documents which have an order number and are referenced in this document, or other Intel literature, may be obtained by calling 1-800-548-4725, or go to: <http://www.intel.com/design/literature.htm>

© Intel Corporation. All Rights Reserved.