

Drivers Installation Guide

Driver Pack	RaptorLake-S_20231220
Model	NViS66162/NViS5704
	1. Chipset
	2. GNA
	3. CSME
Installation	4. Graphics
Sequence	5. Serial IO
	6. HID Event Filter
	7. Audio
	8. LAN



1. Chipset

1.Chipset-10.1.19199.	.8340-Public-MUP		-					
🕀 New 🗸		Sort - 🛛 View -						
← → · ↑ 🔁 > Rapt > 1.Chipset-10 · C 🖉 Search 1.Chipset-10.1.19199.8340-Public-MUP								
✓ ★ Quick access E Desktop	Name DriverFiles	Date modified 2/21/2024 10:17 AM 7/25/2023 3:58 PM	Type File folder XML Document	Size				
↓ Downloads ■ Documents	SetupChipset WixLicenseNote	7/25/2023 3:58 PM 7/25/2023 3:58 PM	Application Text Document	3,080 KB 4 KB				
 Pictures OneDrive 	*							
 This PC REFLECT (D:) 								
> 🕳 Tools (E:) > 🛬 Network								
4 items								

1.1 Enter 1. Chipset-10.1.19199.8340-Public-MUP folder

1.2 Execute SetupChipset.exe

Intel(R) Chipset Device Software
You are about to install the following product:
Intel(R) Chipset Device Software
It is strongly recommended that you exit all programs before continuing.
Press Next to continue, or press Cancel to exit the setup program.
Next Cancel

1.3 Restart Windows to apply driver changes



<u>2. GNA</u>

2.1 Enter 2.gna-03.00.00.1457-win-	3 O	sv2	resign-20220819 folder
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2.gna-03.00.00.1457-wi	n-3_0_sv2_resign-20220819				– 🗆 X
🕀 New 🗸 🔥	0 6 4 6	\mathbb{N} Sort ${}^{\checkmark}$ $\ensuremath{\boxtimes}$ View ${}^{\checkmark}$			
\leftarrow \rightarrow \checkmark \uparrow	> RaptorLake-S_20231220 > 2.gna-03.00.00	0.1457-win-3_0_sv2_resign-202	20819	~ C	Search 2.gna-03.00.00.1457-win-3_0_sv2_resign-20220819
N 🔶 Quick access	Name	Date modified	Туре	Size	
Deskton	CHANGELOG.md	7/25/2023 3:58 PM	MD File	3 KB	
Downloads	🥥 gna.cat	7/25/2023 3:58 PM	Security Catalog	12 KB	
	📓 gna.inf	7/25/2023 3:58 PM	Setup Information	9 KB	
Dictures	🚯 gna.sys	7/25/2023 3:58 PM	System file	87 KB	
DriverInstall:					
> 🥌 OneDrive					
> 💻 This PC					
> REFLECT (D:)					
> 🕳 Tools (E:)					
4 items 1 item selected	1 8.64 KB				

2.2 Right-Click on gna.inf and Install

2.gna-03.00.00.1457-win-3_0_	sv2_resign-20220819		_	
🕀 New 🗸 🚺		Sort - 📰 View -		
\leftarrow \rightarrow \checkmark \uparrow \square \diamond	Rapt > 2.gna-03.00 ~ C		0.00.1457-win-3_0_sv2_r	esign-20220819
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Vownloads 🖈	ann inf	7/25/2023 3:58 PM	Setup Information	9 KB
Documents * Pictures	Open Edit Print	2023 3:58 PM	System file	87 KB
🚞 DriverInstall: 🖈	<u>I</u> nstall			
> 🌰 OneDrive	Scan with Microsoft Defender Open with			
> 💻 This PC	<u>G</u> ive access to Copy <u>a</u> s path	>		
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> 🗕 Tools (E:)	Send to	>		
4 items 1 item selected 8.64	k Cut			



<u>3. CSME</u>

3.1 Enter 3.CSME-16.1.25.2124-SW folder

Main_DCH				– 🗆 X
🕂 New -		\Uparrow Sort ${\scriptscriptstyle \curlyvee}$ \equiv View ${\scriptscriptstyle \curlyvee}$		
\leftarrow \rightarrow \checkmark \uparrow	3.CSME-16.1.25.2124-SW > Installers >	Main_DCH	✓ C	
V 🔶 Quick access	Name	Date modified	Type Size	
Deskton	🚯 IntelMEFWVer.dll	1/4/2023 4:06 PM	Application exten 19 KB	
Developed A	🔮 mup	1/4/2023 4:12 PM	XML Document 50 KB	
Uownloads 🛩	🔤 MUP3	1/4/2023 4:12 PM	Compressed (zipp 376,374 KB	
🚆 Documents 🖈	🐝 SetupME	1/4/2023 4:12 PM	Application 254,165 KB	
🚬 Pictures 🖈				
🚞 DriverInstall: 🖈				
> 🌰 OneDrive				
> 💻 This PC				
> 🕳 REFLECT (D:)				
> 🕳 Tools (E:)				
4 items				

3.2 Execute SetupME.exe

Setup		\times
Intel® Management Engine Components Welcome	(inte	D
You are about to install the following product:		
Intel® Management Engine Components 2302.4.5.0		
It is strongly recommended that you exit all programs before continuing. Click Next to continue, or click Cancel to exit the setup program.		
Intel Corporation < Back	Next >	Cancel

3.3 Restart Windows to apply driver changes



4. Graphics



4.1 Enter 4.Intel Graphics Driver Production Version 101.4146 folder



5. Serial IO

SerialIO_30.100.2221.20v2_RPL_ADL-PCH_22H2 × ✓ C Search SerialIO_30.100.2221.20v2_RPL_ADL-PCH_22H2 Name Date modified Size Туре 🗸 🔶 Quick access production 2/21/2024 10:17 AM File folder 📒 Desktop 🛛 🖈 mintel(R) Serial IO - Bring Up Guide and rel... 7/25/2023 4:00 PM Microsoft Edge P... 380 KB 🚽 Downloads 🖈 📄 mup 7/25/2023 4:00 PM XML Document 8 KB 📔 Documents 🖈 ReadMe 7/25/2023 4:00 PM Text Document 47 KB 🔀 Pictures 🛛 🖈 <table-of-contents> SetupSeriallO 7/25/2023 4:00 PM 2.037 KB Application 📒 DriverInstalli 🖈 Software License Agreement_PV 7/25/2023 4:00 PM Microsoft Edge P... 167 KB > 👝 OneDrive WiXLicenseNote 7/25/2023 4:00 PM Text Document 13 KB > 🔲 This PC > REFLECT (D:) > Tools (E:) 7 items

5.1 Enter 5.SerialIO 30.100.2221.20v2 RPL ADL-PCH 22H2 folder

5.2 Execute SetupSerialIO.exe

Setup			×
Intel® Serial IO Welcome		(intel	
You are about to install the following product:			
Intel® Serial IO 30.100.2221.20			
It is strongly recommended that you exit all programs before o Click Next to continue, or click Cancel to exit the setup progra	continuing. m.		
Intel Corporation	< Back	Next >	Cancel

5.3 Restart Windows to apply driver changes



6. HID Event Filter

6.1 Enter 6.HIDEventFilterDriver-2.2.2.1 v3 RS5 19H1 20H1 21H2 22H2 Certified folder

* x64						-	×
🕂 New 🗸	D (à C) 🕑 🛈	$\uparrow \!$					
$\leftarrow \rightarrow \cdot \cdot \uparrow$	6.HIDEventFilterDriver-2.2.2.1_v3_RS5_19H	1_20H1_21H2_22H2_Certified	> drivers > x64	~ C	,		
🗙 🔶 Quick access	Name	Date modified	Туре	Size			
	ideventfilter.cat	7/25/2023 3:58 PM	Security Catalog	12 KB			
Desktop	HidEventFilter.inf	7/25/2023 3:58 PM	Setup Information	7 KB			
Downloads *	HidEventFilter.sys	7/25/2023 3:58 PM	System file	88 KB			
🔀 Pictures 🖈							
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> 🌰 OneDrive							
> 💻 This PC							
> 📻 REFLECT (D:)							
> 🕳 Tools (E:)							
3 items 1 item selected	6.66 KB						

6.2 Right-Click on HidEventFilter.inf and Install

🚞 x64						-	×
🕀 New 🗸	0 6 8 6 0	$\uparrow \downarrow$ Sort ${\scriptscriptstyle \curlyvee}$ \equiv View ${\scriptscriptstyle \curlyvee}$					
\leftarrow \rightarrow \checkmark \uparrow	6.HIDEventFilterDriver-2.2.2.1_v3_RS5_19	H1_20H1_21H2_22H2_Certified >	drivers > x64	~ C)	○ Search x64		
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Desktop y	JidEventEilter inf	7/25/2023 3:58 PM	Setup Information	7 KB			
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> REFLECT (D:)	Restore previous versions						
Track (Fr)	Se <u>n</u> d to	>					
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3 items 1 item selecter	<u>C</u> opy d 6.66 k						
b	Constantin all and an at						



7. Audio

Drivers					_	×
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$\leftarrow \rightarrow \cdot \cdot \uparrow$	> RaptorLake-S_20231220 > 7.Audio > 1_In	tel_ISST-10.29.00.7919-ADL	> Drivers	~ C		
v de Oriekannen I	Name	Date modified	Туре	Size		
	늘 Libs	2/21/2024 10:17 AM	File folder			
🛄 Desktop 📌	and Topology	2/21/2024 10:17 AM	File folder			
🛓 Downloads 🖈	woV	2/21/2024 10:17 AM	File folder			
📒 Documents 🖈	detectionverificationdrv.cat	2/9/2023 10:05 AM	Security Catalog	40 KB		
🔀 Pictures 🖈	DetectionVerificationDrv.dll	2/9/2023 10:05 AM	Application exten	869 KB		
📒 DriverInstall: 🖈	DetectionVerificationDrv.inf	2/9/2023 10:05 AM	Setup Information	19 KB		
> 📥 OneDrive	intcaudiobus.cat	2/9/2023 10:05 AM	Security Catalog	38 KB		
	IntcAudioBus.inf	2/9/2023 10:05 AM	Setup Information	34 KB		
> 💻 This PC	IntcAudioBus.s Type: Setup Information	023 10:05 AM	System file	307 KB		
> 🕳 REFLECT (D:)	Size: 33.8 KB Date modified: 2/9/2023	10:05 AM 023 10:05 AM	Security Catalog	43 KB		
> 🕳 Tools (E:)	IntcBTAu.inf	2/9/2023 10:05 AM	Setup Information	121 KB		
38 items 1 item selected	33.8 KB	3/0/3033 10.0E ANA	с	057 VD		

7.1 Enter 7.Audio > 1 Intel ISST-10.29.00.7919-ADL > Drivers folder

7.2 Right-Click on IntcAudioBus.inf and Install

Drivers						_	×
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N 🔶 Quick accore	Name	Date modified	Туре	Size			
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E Desktop 🖈	🦰 Тороlоду	2/21/2024 10:17 AM	File folder				- 1
🚽 Downloads 🖈	🔁 WoV	2/21/2024 10:17 AM	File folder				- 1
📔 Documents 🖈	detectionverificationdrv.cat	2/9/2023 10:05 AM	Security Catalog	40 KB			
🔀 Pictures 🖈	DetectionVerificationDrv.dll	2/9/2023 10:05 AM	Application exten	869 KB			
🚞 DriverInstalli 🖈	DetectionVerificationDrv.inf	2/9/2023 10:05 AM	Setup Information	19 KB			
> 🌰 OneDrive	intcaudiobus.cat	2/9/2023 10:05 AM	Security Catalog	38 KB			
> This PC	Inte Audia Due inf	2/0/2023 10:05 AM	Setup Information	34 KB			
· -	Open Getit	023 10:05 AM	System file	307 KB			
> 📻 REFLECT (D:)	Print	023 10:05 AM	Security Catalog	43 KB			
> 🕳 Tools (E:)	Install	023 10:05 AM	Setup Information	121 KB			
38 items 1 item selecte	Open with	022 10.05 AM	C	057 1/0			



7.3 Right-Click on IntcOED.inf and Install

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\leftrightarrow \rightarrow \checkmark \uparrow	RaptorLake-S_20231220 > 7.Audio > 1_I	ntel_ISST-10.29.00.7919-ADL	> Drivers	~ C	. ○ Search Drivers		
✓ ★ Quick access	Name ^	Date modified	Туре	Size			
🛄 Desktop 📌	intcbtau.cat	2/9/2023 10:05 AM	Security Catalog	43 KB			
🛓 Downloads 🖈	🚮 IntcBTAu.inf	2/9/2023 10:05 AM	Setup Information	121 KB			
Documents *	🚯 IntcBTAu.sys	2/9/2023 10:05 AM	System file	857 KB			
🔀 Pictures 🔹	intcdmic.cat	2/9/2023 10:05 AM	Security Catalog	42 KB			
🚞 DriverInstall: 🖈	IntcDMic.inf	2/9/2023 10:05 AM	Setup Information	110 KB			
Dav Drive	IntcDMic.sys	2/9/2023 10:05 AM	System file	743 KB			
> Chebrive	intcoed.cat	2/9/2023 10:05 AM	Security Catalog	140 KB			
> 💻 This PC		2/0/2023 10:05 AM	Setup Information	58 KB			
> REFLECT (D:)	Open Edit	023 10:05 AM	System file	1,236 KB			
) - Tools (Fr)	Print	023 10:05 AM	Security Catalog	43 KB			
/ = 100is (E)	Install	023 10:05 AM	Setup Information	156 KB			
38 items 1 item selected	1 57.8 Open with						

7.4 Enter 7.Audio > 2.9066 FF00 PG476 Win10 RS4 RS5 19H1 20H1 Win7 WHQL folder

2.9066_FF00_PG476_Win	10_RS4_RS5_19H1_20H1_Win7_WHQL				- 🗆 X
🕀 New 🗸		V Sort ∽			
\leftrightarrow \rightarrow \checkmark \uparrow	« 7.Audio > 2.9066_FF00_PG476_Win10_RS4_	RS5_19H1_20H1_Win7_WHQ	L	~ C	Search 2.9066_FF00_PG476_Win10_RS4_RS5_19H1_20H1
✓ 📩 Quick access	Name ^	Date modified o/ 18/2020 5:55 PIVI	Type Capinet File	Size 0,008 KB	
📒 Desktop 📌	🗋 data1.hdr	6/18/2020 5:55 PM	HDR File	45 KB	
🚽 Downloads 🖈	🗄 data2.cab	6/18/2020 5:55 PM	Cabinet File	1 KB	
📔 Documents 🖈	🗟 ISSetup.dll	6/18/2020 8:02 PM	Application exten	794 KB	
🔀 Pictures 🔹	layout.bin	6/18/2020 5:55 PM	BIN File	2 KB	
🚞 DriverInstalli 🖈	RtlExUpd.dll	12/19/2019 3:07 PM	Application exten	2,810 KB	
	🔄 Setup.exe	6/18/2020 8:02 PM	Application	1,177 KB	
	🗟 setup.ini	6/18/2020 7:36 PM	Configuration sett	6 KB	
> 💻 This PC	setup.inx	6/18/2020 5:55 PM	INX File	551 KB	
> REFLECT (D:)	setup.isn	5/13/2014 12:07 PM	ISN File	254 KB	
> Tools (E:)	setup.iss	5/31/2005 4:01 PM	ISS File	1 KB	
	USetup.iss	11/14/2007 3:18 PM	ISS File	1 KB	I
46 items 1 item selected	1.14 MB				



7.5 Execute Setup.exe



7.6 Restart Windows to apply driver changes



<u>8. LAN</u>

8.1 Enter 8.LAN driver > Release 28.2.1 folder

Release_28.2.1		th Sort × ≡ View ×				- 0	×
	 RaptorLake-S_20231220 > 8.LAN_drive 	r > Release_28.2.1		~ C	, Search Release_28.2.1		
	Name	Date modified	Туре	Size			
Quick access	🚞 PROXGB	2/21/2024 10:18 AM	File folder				
E Desktop 🖈	3rd_party_licenses.txt	12/20/2023 10:07 AM	Text Document	21 KB			
🛓 Downloads 🖈	3rd_party_licenses_BSD.txt	12/20/2023 10:07 AM	Text Document	9 KB			
Documents *	3rd_party_licenses_GPL.txt	12/20/2023 10:07 AM	Text Document	30 KB			
🛃 Pictures 🔹 🖈	3rd_party_licenses_tools.txt	12/20/2023 10:07 AM	Text Document	11 KB			
🚞 DriverInstall: 🖈	🗐 Autorun.exe	12/20/2023 10:07 AM	Application	126 KB			
OneDrive	Autorun.exe.config	12/20/2023 10:07 AM	CONFIG File	2 KB			
This PC	📓 Autorun.ini	12/20/2023 10:07 AM	Configuration sett	1 KB			
	C index.htm	12/20/2023 10:07 AM	Microsoft Edge H	2 KB			
REFLECT (D:)	💽 legaldis.htm	12/20/2023 10:07 AM	Microsoft Edge H	1 KB			
- Tools (E:)	C license.htm	12/20/2023 10:07 AM	Microsoft Edge H	12 KB			
items 1 item selected	1 125 KB	12/20/2022 10.07 884	N.C	150 1/0			=

8.2 Execute Autorun.exe



8.3 Restart Windows to apply driver changes