

BIOS Release Note

Raptor Lake-HX Refresh **Garaj** BIOS

Products: XxRPxxxxx

BIOS Version: N.1.36GAR14

Build Date and Time: 05/28/2026

About This Release:

Bios File	XxRPxxxxxN136GAR14.bin	Micro Code Update Included in ROM & BIO Files	0x136
ROM Image Checksum	0xA9EFCB85	Processor	Intel Raptor Lake HX Refresh
ROM Size	32M	CPU ID	0xB0671, 0xB06F2
Source Control Label	5.32_1AYRT_RC0C.00.F6.20(6310.00)_072	TCSS Firmware	N/A
ME Firmware	16.1.40.2765	IOM Firmware	N/A
EC Firmware	1.51.00	PHY Firmware	13.62.211.7255 13.0.1.7085
PMC Firmware	160.2.0.1044	VBT Firmware	N/A
Memory Reference Code	DDR5 00.0.4.239	Intel RST Firmware	20.1.6.5864
Integrated Graphics	17.0.1089	Audio IC	1. ALC256, ALC274, ALC235, CX11880
dGPU	X2/X4/X6/X7/X9/X11		2.

New Fixes/Features:

1. Sync std code

BIOS Version: N.1.36GAR13

Build Date and Time: 05/14/2026

About This Release:

Bios File	XxRPxxxxxN136GAR13BIN	Micro Code Update Included in ROM & BIO Files	0x136
ROM Image Checksum	0xA9F6AE01	Processor	Intel Raptor Lake HX Refresh
ROM Size	32M	CPU ID	0xB0671, 0xB06F2
Source Control Label	5.32_1AYRT_RC0C.00.F6.20(6310.00)_072	TCSS Firmware	N/A
ME Firmware	16.1.40.2765	IOM Firmware	N/A
EC Firmware	1.51.00	PHY Firmware	13.62.211.7255 13.0.1.7085
PMC Firmware	160.2.0.1044	VBT Firmware	N/A
Memory Reference Code	DDR5 00.0.4.239	Intel RST Firmware	20.1.6.5864

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Integrated Graphics	17.0.1089	Audio IC	2. ALC256, ALC274, ALC235, CX11880
dGPU	X2/X4/X6/X7/X9/X11		3.

New Fixes/Features:

4. Sync std code

BIOS Version: N.1.35GAR12	Build Date and Time: 04/20/2026
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About This Release:

Bios File	XxRPxxxxN135GAR12.BIN	Micro Code Update Included in ROM & BIO Files	0x136
ROM Image Checksum	0xA9F23309	Processor	Intel Raptor Lake HX Refresh
ROM Size	32M	CPU ID	0xB0671, 0xB06F2
Source Control Label	5.32_1AYRT_RC0C.00.F6.20(6310.00)_072	TCSS Firmware	N/A
ME Firmware	16.1.40.2765	IOM Firmware	N/A
EC Firmware	1.46.00	PHY Firmware	13.62.211.7255 13.0.1.7085
PMC Firmware	160.2.0.1044	VBT Firmware	N/A
Memory Reference Code	DDR5 00.0.4.239	Intel RST Firmware	20.1.6.5864
Integrated Graphics	17.0.1089	Audio IC	5. ALC256, ALC274, ALC235, CX11880
dGPU	X2/X4/X6/X7/X9/X11		6.

New Fixes/Features:

7. Sync std code

BIOS Version: N.1.33GAR11	Build Date and Time: 03/25/2026
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About This Release:

Bios File	XxRPxxxxN133GAR11.BIN	Micro Code Update Included in ROM & BIO Files	0x136
ROM Image Checksum	0xA9EF1584	Processor	Intel Raptor Lake HX Refresh
ROM Size	32M	CPU ID	0xB0671, 0xB06F2
Source Control Label	5.32_1AYRT_RC0C.00.F6.20(6310.00)_072	TCSS Firmware	N/A

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ME Firmware	16.1.40.2765	IOM Firmware	N/A
EC Firmware	1.44.00	PHY Firmware	13.62.211.7255 13.0.1.7085
PMC Firmware	160.2.0.1044	VBT Firmware	N/A
Memory Reference Code	DDR5 00.0.4.239	Intel RST Firmware	20.1.6.5864
Integrated Graphics	17.0.1089	Audio IC	8. ALC256, ALC274, ALC235, CX11880
dGPU	X2/X4/X6/X7/X9/X11		9.

New Fixes/Features:

10. Sync std code

BIOS Version: N.1.33GAR10	Build Date and Time: 03/23/2026
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About This Release:

Bios File	XxRPxxxxN133GAR10.BIN	Micro Code Update Included in ROM & BIO Files	0x136
ROM Image Checksum	0xA9F4E216	Processor	Intel Raptor Lake HX Refresh
ROM Size	32M	CPU ID	0xB0671, 0xB06F2
Source Control Label	5.32_1AYRT_RC0C.00.F6.2 0(6310.00)_072	TCSS Firmware	N/A
ME Firmware	16.1.40.2765	IOM Firmware	N/A
EC Firmware	1.44.00	PHY Firmware	13.62.211.7255 13.0.1.7085
PMC Firmware	160.2.0.1044	VBT Firmware	N/A
Memory Reference Code	DDR5 00.0.4.239	Intel RST Firmware	20.1.6.5864
Integrated Graphics	17.0.1089	Audio IC	11. ALC256, ALC274, ALC235, CX11880
dGPU	X2/X4/X6/X7/X9/X11		12.

New Fixes/Features:

- 1.Add logo and smbios information
- 2.Add dmi tool

Changes/Note:

N/A

Known Errata:

N/A

Warning:

N/A