

# NPU Unified Driver v3104 Release Notes [UD2024.44]

## 1. Executive Summary

- MSFT CoPilot+ compile time and memory footprint improved.
- Fixed BSOD issues in LNL
- [LNL] MSFT Preceptive Shell: Driver manifest declares reboot required.
- ISV models (Enabled and Optimised)
  - [MTL][LNL][Tencent Music] Audio separation model optimization
  - [LNL][MTL][ISV][DynamoAI] Enable and optimize xlm-roberta-large model on LNL and MTL NPU
  - [Intel TDT][LNL][MTL] BERT Transformer model compilation with NPU
  - [LNL][ISV][Distinct AI]Add support for SSD-1B model (Segmind) on LNL's NPU to achieve functional correctness and optimal performance.
  - [ISV][LNL][NPU] Fixed loading issue related to Krisp model
  - [LNL][Fortemedia][APO] PVR model results
  - [LNL][Acer] VAE Decoder result
  - [Lenovo][Lenovo View Video Enhancer][LNL][NPU] Optimized IR model fixed that showed unusual behavior(NPU U and V channels end abruptly / have alignment issue) on NPU
- UD44 Driver version# is now aligned with [Understanding the Intel® Graphics Driver Version Number](#)
- Supported Operating System
  - Windows 11 23H2 22631
  - Windwow 11 24H2 26100

## 2. Build Details

Ingredient	Versions and Links
Build Details	<a href="#">24ww43UD2024.44 v3104</a>

<b>MCDM VPU driver</b>	<a href="#">32.0.100.3104</a>
<b>VPUFW</b>	<a href="#">ci_tag_ud202444_vpu_rc_20241025_1830</a>
<b>OpenVINO VPUx</b>	<a href="#">ci_tag_ud202444_vpux_rc_20241012_1904</a>
<b>OpenVINO VPUx Tools</b>	<a href="#">ci_tag_ud202444_vpux_rc_20241012_1904</a>
<b>Public NN Models</b>	
<b>DML Models</b>	<a href="https://ubit-artifactory-or.intel.com/artifactory/movidius-vpu-or-local/Archive/Automation/Binaries/DML/Models/">https://ubit-artifactory-or.intel.com/artifactory/movidius-vpu-or-local/Archive/Automation/Binaries/DML/Models/</a>
<b>External Artifactory</b>	
<b>OWR Release Links</b>	TBD

### 3. Release Validation

#### 3.1 Test Case Summary

##### 3.1.1 Full Validation report (WIP as time of report)

##### Validation reports

S  
K  
U


VPUIP Validation report

M  
TL  
-  
H  
6  
8  
2  
M  
TL  
-

[https://releases.ti.intel.com/reports/meteorlake/NightlyRegressions/2024/2024.10.25/VPU\\_FW\\_REGRESSION/ci\\_tag\\_ud202444\\_vpu\\_rc\\_20241025\\_1830/MTL\\_UD202444\\_regression\\_-\\_VPU\\_FW\\_REGRESSION\\_-\\_2024.10.25\\_-\\_1830.html](https://releases.ti.intel.com/reports/meteorlake/NightlyRegressions/2024/2024.10.25/VPU_FW_REGRESSION/ci_tag_ud202444_vpu_rc_20241025_1830/MTL_UD202444_regression_-_VPU_FW_REGRESSION_-_2024.10.25_-_1830.html)

MTL UD202444 regression - VPU FW REGRESSION - 2024.10.25 - 1830

TAG: ci\_tag\_ud202444\_vpu\_rc\_20241025\_1830



Total results

date	type	passing rate	time_min	tests	successes	failures	unknown	not_run	skipped
2024.10.25 18:30	DML	93.85 ↑	576.27 ↑	130	122	8	0	0	0
	OV	94.73 ↑	2324.21 ↑	1594	1510	84	0	0	0
	Stability	97.43 ↑	9390.01 ↑	8029	7823	206	0	0	0

P  
2  
8  
1  
  
M  
TL  
-  
U  
2  
8  
2

A  
R  
L  
H  
X  
  
A  
R  
L  
H  
  
A  
R  
L  
S  
  
A  
R  
L  
U



[https://releases.ti.intel.com/reports/arrowlake/NightlyRegressions/2024/2024.10.25/VPU\\_FW\\_REGRESSION/ci\\_tag\\_ud202444\\_vpu\\_rc\\_20241025\\_1830/ARL\\_UD202444\\_regression\\_-\\_VPU\\_FW\\_REGRESSION\\_-\\_2024.10.25\\_-\\_1830.html](https://releases.ti.intel.com/reports/arrowlake/NightlyRegressions/2024/2024.10.25/VPU_FW_REGRESSION/ci_tag_ud202444_vpu_rc_20241025_1830/ARL_UD202444_regression_-_VPU_FW_REGRESSION_-_2024.10.25_-_1830.html)

ARL UD202444 regression - VPU FW REGRESSION - 2024.10.25 - 1830  
TAG: ci\_tag\_ud202444\_vpu\_rc\_20241025\_1830

Total results									
date	type	passing rate	time_min	tests	successes	failures	unknown	not_run	skipped
2024.10.25 18:30	DML	100.0 ↑	275.34 ↑	176	176	0	0	0	0
	OV	90.46 ↑	2567.37 ↑	1457	1318	139	0	0	0
	Stability	93.81 ↑	2278.39	1292	1212	80	0	0	0

L  
N  
L:

[https://releases.ti.intel.com/reports/lunarlake/NightlyRegressions/2024/2024.10.25/VPU\\_FW\\_REGRESSION,VPU\\_FW\\_EXTENDED\\_REGRESSION/ci\\_tag\\_ud202444\\_vpu\\_rc\\_20241025\\_1830/LNL\\_UD202444\\_regression\\_-\\_VPU\\_FW\\_REGRESSION\\_-\\_2024.10.25\\_-\\_1830.html](https://releases.ti.intel.com/reports/lunarlake/NightlyRegressions/2024/2024.10.25/VPU_FW_REGRESSION,VPU_FW_EXTENDED_REGRESSION/ci_tag_ud202444_vpu_rc_20241025_1830/LNL_UD202444_regression_-_VPU_FW_REGRESSION_-_2024.10.25_-_1830.html)

LNL UD202444 regression - VPU FW REGRESSION - 2024.10.25 - 1830									
TAG: cl_tag_ud202444_vpu_rc_20241025_1830									
Total results									
date	type	passing rate	time_min	tests	successes	failures	unknown	not_run	skip
2024.10.25 18:30	DML	89.0 ↑	679.37	100	89	11	0	0	
	ONNX	100.0 ↑	11.96 ↑	8	8	0	0	0	
	OV	94.01 ↑	4520.91	1885	1772	113	0	0	
	OVEP	74.67 ↑	630.16	375	280	95	0	0	
	Stability	100.0 ↑	1346.35 ↑	1117	1117	0	0	3	

3.1.2 HLK Tests:

MTL-H Driver 32.0.100.3104 (5357):

OS ver	No TC Failed	TC count	Comments
22H2 19045	0	64	
23H2 22631	0	84	
24H2 26100	0	226	

LNL-M 32.0.100.3104 (5357):

Sl. No	No TC Failed	TC count	Comments
23H2 22631	0	84	
24H2 26100	0	227	

[HLKX Package Link](#)

4. Config Details

REFERENCE HARDWARE CONFIGURATION:

Host Info ( <a href="#">wiki</a> )
------------------------------------

<b>RV P:</b>	LNL-M	MTL-H682 & P681 & U282(M)	ARL-S	ARL -Hx	ARL -H	ARL-U
<b>MC P:</b>						
<b>BK C:</b>	LNL-MX- SV3-CORP- 24.39.3.250	MTL-H- CORP-RST- 24.36.3.178	ARL-S-MTP- S-SV3- CORP- 24.31.5.231	ARL-SBGA- MTP-S-SV3- CORP- 24.38.6.124	ARL-H- CORP-RST- 24.35.5.370	ARL-U- CORP-RST- 24.35.5.362
Ad diti on al inf o:						
Re wo rks :						
BI OS set tin gs:	LNLMFWI1.R 00.3221.D92 .240913164 7	MTLPFWI1.R 00.4122.D21 .240828131 7	MTLSFWI1.R 00.4305.D80 .240726184 0	MTLSFWI1.R 00.4334.D95 .240913061 2	MTLPFWI1.R 00.4341.D81 .240821204 0	MTLPFWI1.R 00.4341.D81 .240821204 0
<b>VP U har dw are :</b>						

## 5. KNOWN AND/OR NEW ISSUES:

Unified driver HSD (MTL, ARL and LNL) :

## All open defect:

id	title	priority	exposure	release
<a href="#">16025263807</a>	[Lenovo_Oak2]Live Captions can open but cannot be used and keep showing ready to use in CS unit.	p3-medium	2-high	MVDS_VPU_2.6A_SW
<a href="#">16022064159</a>	MTL iNPU [MTL-H682 C5 RVP]: [DML] [Adobe Models] Error observed while executing "dft_model_pow4_normalized_window_backbone_clamp0_div_before_pool_fp16.onnx" models	p3-medium	3-medium	MVDS_VPU_2.6A_SW
<a href="#">22018904187</a>	[MTL] [PV2] OpenVINO Benchmark accepts invalid config.json and does not throw error while calculating FPS for resnet-50-v1_5-sparse50 with v1492 Driver	p3-medium	3-medium	MVDS_VPU_2.6A_SW
<a href="#">16022079592</a>	MTL iNPU Si [MTL-H 682 C5]: [SDLe][BinSkim app] Errors/Warnings observed for 'shavedxilvecz64.dll' file with BinSkim app	p3-medium	3-medium	MVDS_VPU_2.6A_SW
<a href="#">16022192553</a>	MTL iNPU [MTL-H682 C5 RVP]: [DML] [Adobe Models] Error observed while executing "v4-v9-0-no-pcen-3s.onnx" models	p3-medium	3-medium	MVDS_VPU_2.6A_SW
<a href="#">16022347982</a>	MTL iNPU [MTL-H682 C5 RVP][ARL-S A1]: [DML] [Adobe Models] Increase in the 'Average Evaluate' value observed with latest WinMLRunner.exe tool (driver_v1644)	p3-medium	3-medium	MVDS_VPU_2.6A_SW
<a href="#">14020813578</a>	[DML] operator test failure in DepthToSpace#432 on NPU due to driver memory corruption	p2-high	2-high	MVDS_VPU_2.6A_SW
<a href="#">16022535476</a>	ARL-S iNPU [RVP SD 10] [A1] : "Watchdog dumps not generating during Reset Engine and disabled testcases " with 31.0.100.1707 driver	p3-medium	3-medium	MVDS_VPU_2.6A_SW
<a href="#">16022537971</a>	ARL-S iNPU [RVP SD 10] [A1] [MTL-H682 C5 RVP] : "Bottom up tab is not displayed in Vtune profiler & npu_Bandwidth is not observed during VTUNE test" with 31.0.100.1707 driver	p3-medium	3-medium	MVDS_VPU_2.6A_SW
<a href="#">16022565566</a>	ARL-S iNPU [RVP SD 10] [A1]: "CATERROR observed during S4 cycling" with 31.0.100.1707 driver	p3-medium	3-medium	MVDS_VPU_2.6A_SW

<a href="#">14020978079</a>	[MTL-H][AI-ML][GC,DC1]: OV AUTO plugin failed to recommend other available device when GPU driver is disabled	p2-high	2-high	MVDS_VPU_2.6A_SW
<a href="#">16022694601</a>	MTL iNPU [MTL-H682 C5 RVP]: [DML] Error observed while executing "mc_element_wise_quantize_linear_operator" meta command	p3-medium	3-medium	MVDS_VPU_2.6A_SW
<a href="#">22019453410</a>	[MTL-H][C0][AI][GC][Corp] Unable to collect Vtune NPU traces with driver 2016	p2-high	1-critical	MVDS_VPU_2.6A_SW
<a href="#">16023596604</a>	[ARL-S][ARL-Hx][SV3][GC][26063.1] Model compatibility for GNA IP is Broken throws plugin support error while running workloads with benchmark app.	p2-high	2-high	MVDS_VPU_2.6A_SW
<a href="#">22020568241</a>	[ARL-H][LNL][NPU][OS'24] OnnxRuntimeError observed while running resnet18 and yolov2 models on NPU device	p3-medium	2-high	MVDS_VPU_2.6A_SW
<a href="#">16025792067</a>	[ARL-HX][PNP][B0][Perf] Observing Run to Run Variation in Resnet50 Batch1 NPU, 50 sparsity, latency	p1-showstopper	2-high	MVDS_VPU_2.6A_SW
<a href="#">16025799696</a>	[ARL-S B0] [GC] [PR3][Debug and Trace] VPU Traces not generating with latest 3053 NPU driver version	p2-high	2-high	MVDS_VPU_2.6A_SW
<a href="#">18040316314</a>	Test of MVDS_VPU_2.6A_SW to Meteor Lake* and Arrow Lake (NPU2.7) bridge mapping	p3-medium	4-low	MVDS_VPU_2.6A_SW
<a href="#">16025805724</a>	RESNET50 - Sparsity detection	p4-low	2-high	MVDS_VPU_2.6A_SW
<a href="#">15016700020</a>	The Intel NPU driver "npu_d3d12_umd.dll" might be causing a memory leak during data copying.	p2-high	2-high	MVDS_VPU_2.6A_SW
<a href="#">15016777208</a>	[Lenovo][LNL][NPU] SD3.0 LCM T5 model failed to compile	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">14023485154</a>	[MS->Intel][EP] session_options need to be assigned before AppendExecution_provider is called.	p2-high	2-high	MVDS_VPU_4_SW

<a href="#">18040109954</a>	[LNL-M][B0][PRQ] NPU bad_coded telemetry reports	p3-medium	2-high	MVDS_VPU_4_SW
<a href="#">14023558793</a>	[MS->Intel][EP][MEP][Voice Focus] Error when building ComputeCore with 9/22 OV release	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">13012434513</a>	BRIDGE TEST: IGNORE	p4-low	4-low	MVDS_VPU_4_SW
<a href="#">18037736670</a>	Dummy bug for DevOPS testing (PLEASE IGNORE)	p4-low	4-low	MVDS_VPU_4_SW
<a href="#">18038903400</a>	[LNL-M][Power n Performance][NPU]NPU [UMD] driver overriding the priority set by dxgkrnl	p3-medium	3-medium	MVDS_VPU_4_SW
<a href="#">15016379153</a>	[Acer][LNL][LCM]Unet model compiling time too long on NPU	p3-medium	3-medium	MVDS_VPU_4_SW
<a href="#">14022769244</a>	[MS->Intel][OpenVino][LNL][MEP] tbb12.lib file is missing from 2024-06-14 OpenVino drop	p2-high	1-critical	MVDS_VPU_4_SW
<a href="#">16024851022</a>	[PnP][LNL-MX] GENAI PSR Model failing with protopipe	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">16025025009</a>	[LNL-V][GEN-AI][LLM][B0]- output getting empty space /inaccurate results, while running Llama2-7B on NPU	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">15016580365</a>	[Acer][WDSR] Model compilation time optimization	p3-medium	2-high	MVDS_VPU_4_SW
<a href="#">14023111236</a>	[MS->Intel][EP][Int1 Blocking] PSO1 stripped model inference crashed with OPT = 0	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">15016602470</a>	[LNL] Data segmentation of eltwise_*** is not correct	p3-medium	2-high	MVDS_VPU_4_SW
<a href="#">16025178515</a>	[LNL-MX][B0][ISV][Perf]The second run of GeekBench ML on NPU produced a lower result than the first Run.	p2-high	2-high	MVDS_VPU_4_SW



<a href="#">14023175878</a>	[MS->Intel][EP] .onnx model compilation requires too much temporary disk space	p3-medium	2-high	MVDS_VPU_4_SW
<a href="#">16025219906</a>	[LNL-V][SV3][B0][MEP][NPU]MEP Effects Not applied in Windows Camera App after Disabled and Re-Enabled NPU device	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">18040046362</a>	[LNL-V][B0][CORP][SV2][SV3][REGRESSION][SDR][DPMT]LKD with BugCheck: VIDEO_ENGINE_TIMEOUT_DETECTED (141) pointing to npu_kmd.sys while running VPU Benchmark DPMT	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">15016810083</a>	[LNL][MTL/ARL][Win11][23H2/24H2][NPU] SW Drips is less than 90% with Elevoc APO, FX Device is Intel(R) AI Boost (\_SB.PC00.NPU0) during the MS cycling test	p3-medium	2-high	MVDS_VPU_4_SW
<a href="#">18040113374</a>	[Samsung][LNL][Venus5-16 LNL][NPU][DML] Upscaler2x and Upscaler3x model of Photo Remaster feature performance cannot meet KPI	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">18040182949</a>	[LNL] NPU driver 3053 - compilation error - ZE_RESULT_ERROR_INVALID_ARGUMENT	p2-high	3-medium	MVDS_VPU_4_SW
<a href="#">14023588145</a>	[Watson Failure] caused by LKD_0x141_Tdr:C_IMAGE_npu_kmd.sys	p4-low	2-high	MVDS_VPU_4_SW
<a href="#">14023623276</a>	NPU performance regression for AudioTagger on LNL	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">14023657984</a>	[Intel External][LNL] Stable Diffusion loading time takes ~80s on every app init	p1-showstopper	2-high	MVDS_VPU_4_SW
<a href="#">15016939428</a>	[LNL][M][RVP][SV3][MEP] Preview freeze about 22s when switch sensor with MEP enabled. (100%)	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">14023673987</a>	[LNL][M][RVP][B0][NPU][24H2 26100.1876] Performance Regression in OpenVINO Benchmark	p3-medium	2-high	MVDS_VPU_4_SW
<a href="#">15016951471</a>	[Realtek][Models][LNL] RTK TSE model performance optimization	p3-medium	2-high	MVDS_VPU_4_SW

<a href="#">14023681649</a>	[MS->Intel] ONNX Runtime execution provider depends on VC Redistributable	p3-medium	2-high	MVDS_VPU_4_SW
<a href="#">16025781990</a>	[LNL-MX][B0][GEN-AI]Device lost error is seen with mobilenet FP16-INT8 model only while running on NPU	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">14023698698</a>	[LNL][GCS][B0][QS][26100.2033] Drop in Performance on Procyon Benchmark	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">16024817692</a>	[Intel LNL] Whisper model sporadic crash due to device removal	p3-medium	3-medium	MVDS_VPU_4_SW
<a href="#">15016780838</a>	[Lenovo][Shangri-la][LNL][NPU] CreatorZone SD1.5 LCM accuracy regression on NPU	p2-high	2-high	MVDS_VPU_4_SW

## New Bugs

id	title	priority	exposure	release
<a href="#">16025792067</a>	[ARL-HX][PNP][B0][Perf] Observing Run to Run Variation in Resnet50 Batch1 NPU, 50 sparsity, latency	p1-showstopper	2-high	MVDS_VPU_2.6A_SW
<a href="#">16025799696</a>	[ARL-S B0] [GC] [PR3][Debug and Trace] VPU Traces not generating with latest 3053 NPU driver version	p2-high	2-high	MVDS_VPU_2.6A_SW
<a href="#">16025805724</a>	RESNET50 - Sparsity detection	p4-low	2-high	MVDS_VPU_2.6A_SW
<a href="#">18040316314</a>	Test of MVDS_VPU_2.6A_SW to Meteor Lake* and Arrow Lake (NPU2.7) bridge mapping	p3-medium	4-low	MVDS_VPU_2.6A_SW
<a href="#">22020568241</a>	[ARL-H][LNL][NPU][OS'24] OnnxRuntimeError observed while running resnet18 and yolov2 models on NPU device	p3-medium	2-high	MVDS_VPU_2.6A_SW

<a href="#">16025695036</a>	[LNL-MX][B0][GEN-AI]NPU utilization shows inconsistent and intermediate spike behavior with Mobile net/Resnet Benchmark workloads with NPU driver 2917	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">13012434513</a>	BRIDGE TEST: IGNORE	p4-low	4-low	MVDS_VPU_4_SW
<a href="#">14023558793</a>	[MS→Intel][EP][MEP][Voice Focus] Error when building ComputeCore with 9/22 OV release	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">18040109954</a>	[LNL-M][B0][PRQ] NPU bad_coded telemetry reports	p3-medium	2-high	MVDS_VPU_4_SW
<a href="#">14023588145</a>	[Watson Failure] caused by LKD_0x141_Tdr:C_IMAGE_npu_kmd.sys	p4-low	2-high	MVDS_VPU_4_SW
<a href="#">14023623276</a>	NPU performance regression for AudioTagger on LNL	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">14023657984</a>	[Intel External][LNL] Stable Diffusion loading time takes ~80s on every app init	p1-showstopper	2-high	MVDS_VPU_4_SW
<a href="#">14023673987</a>	[LNLM][RVP][B0][NPU][24H2 26100.1876] Performance Regression in OpenVINO Benchmark	p3-medium	2-high	MVDS_VPU_4_SW
<a href="#">14023681649</a>	[MS->Intel] ONNX Runtime execution provider depends on VC Redistributable	p3-medium	2-high	MVDS_VPU_4_SW
<a href="#">14023698698</a>	[LNLM][GCS][B0][QS][26100.2033] Drop in Performance on Procyon Benchmark	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">15016810083</a>	[LNL][MTL/ARL][Win11][23H2/24H2][NPU] SW Drips is less than 90% with Elevoc APO, FX Device is Intel(R) AI Boost (\_SB.PC00.NPU0) during the MS cycling test	p3-medium	2-high	MVDS_VPU_4_SW

<a href="#">15016939428</a>	[LNL][M][RVP][SV3][MEP] Preview freeze about 22s when switch sensor with MEP enabled. (100%)	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">15016951471</a>	[Realtek][Models][LNL] RTK TSE model performance optimization	p3-medium	2-high	MVDS_VPU_4_SW
<a href="#">16025781990</a>	[LNL-MX][B0][GEN-AI]Device lost error is seen with mobilenet FP16-INT8 model only while running on NPU	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">18040113374</a>	[Samsung][LNL][Venus5-16 LNL][NPU][DML] Upscaler2x and Upscaler3x model of Photo Remaster feature performance cannot meet KPI	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">18040182949</a>	[LNL] NPU driver 3053 - compilation error - ZE_RESULT_ERROR_INVALID_ARGUMENT	p2-high	3-medium	MVDS_VPU_4_SW
<a href="#">14023672179</a>	[MS->Intel] onnxruntime_perf_test.exe fails with driver 32.0.100.3102 after random number of inferences	p3-medium	2-high	MVDS_VPU_4_SW
<a href="#">15016821450</a>	[Dell][Wistron][Taroko LNL][OV05C10][DOL][MEP] Inbox preview blank when opening Settings app and Inbox camera concurrently and switch photo resolutions. (F/R: 20%)	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">16025784722</a>	[LNL-V][SV3][AI][NPU][QAC] NPU installation bat file is missing in Latest NPU driver 3103	p2-high	2-high	MVDS_VPU_4_SW

## Recently fixed bugs

id	title	priority	exposure	release
<a href="#">22020454809</a>	[Surface][MTL][UID_1025389][Goldfield] Glitchy audio and system lagging with Camera Studio Effects - Background Blur on Teams	p1-showstopper	2-high	MVDS_VPU_2.6A_SW
<a href="#">14022649623</a>	[MS->Intel][MTL][MEP] Excessive MEP model compile times for non-FEIL runs cause HLK test failures on NPU/VPU version 32.0.100.2381	p3-medium	3-medium	MVDS_VPU_2.6A_SW
<a href="#">14022605391</a>	[MTL-P] [RVP] [24H2 27639] VIDEO_DXGKRNL_LIVEDUMP (193)	p2-high	2-high	MVDS_VPU_2.6A_SW
<a href="#">22020323574</a>	[ARL-H][DC3][Corp][NPU] ZE_RESULT_ERROR_UNKNOWN, code 0x7fffffff error observed after running 16 or 32 instances of benchmark with edsr FP16 model	p3-medium	3-medium	MVDS_VPU_2.6A_SW
<a href="#">22020410220</a>	[MS->Intel][AI/NPU][MEP][INTEL_LNL][SEED][HP_Regis] the compile time for face detection model is not consistent and may over 700ms on LNL MEP package 2.0.9.0	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">15016681180</a>	[Lenovo][Shangri-la][LNL][NPU] Creator Zone SmartMore Image Generation can not inference in NPU with 1024x1024 Resolution	p2-high	3-medium	MVDS_VPU_4_SW
<a href="#">15016713672</a>	[Lenovo][LNL][NPU] Lenovo creatorzone(SD1.5 LCM) 1024*1024 unet compile model took 32 minutes can't meet kpi	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">15016721159</a>	[HP_Regis][Lenovo_Qixia][MEP]Inconsistent duration for OV::Init::request_device, occasionally it takes >300ms to actually complete this operation	p3-medium	2-high	MVDS_VPU_4_SW

<a href="#">15016721171</a>	[HP_Regis][Lenovo_Qixia][MEP] Inconsistent duration for compile_model, when models are retrieved from cache (between 50-250ms in balanced mode).	p3-medium	2-high	MVDS_VPU_4_SW
<a href="#">13012284831</a>	[LNL-MX][CSLP-Thames2][B0][AI]Device lost error seen When we ran two or more instances in parallel with new Models packages	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">22020046513</a>	Results of OpenVINO EP on LNL NPU depend on whether a session is created from file path or memory buffer	p2-high	1-critical	MVDS_VPU_4_SW
<a href="#">22020097415</a>	[LNL] OpenVINO EP is not doing model optimization in EP	p3-medium	3-medium	MVDS_VPU_4_SW
<a href="#">15016378263</a>	[Acer][LNL][Icefish] Out-painting model met runtime issue at first time inference	p3-medium	3-medium	MVDS_VPU_4_SW
<a href="#">15016470977</a>	[LNL-Mx][Lenovo][Qixia][SIT][MEP] NPU driver 32.0.100.2625 results the OS Setting crash with LNL MEP 2.0.9	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">16025695036</a>	[LNL-MX][B0][GEN-AI]NPU utilization shows inconsistent and intermediate spike behavior with Mobile net/Resnet Benchmark workloads with NPU driver 2917	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">18039950289</a>	[LNL-MX][B0][GEN-AI][ISV] performance degradation seen in SD1.5 (A16W8) Best power efficiency - GIMP with NPU Driver 2820	p1-showstopper	2-high	MVDS_VPU_4_SW
<a href="#">14023487485</a>	[MS->Intel] PSA accuracy regression in 0913 drop	p1-showstopper	2-high	MVDS_VPU_4_SW
<a href="#">14023498147</a>	[MS->Intel] Numerical regression in 0913 drop (Model PSR accuracy)	p1-showstopper	2-high	MVDS_VPU_4_SW

<a href="#">15016821450</a>	[Dell][Wistron][Taroko LNL][OV05C10][DOL][MEP] Inbox preview blank when opening Settings app and Inbox camera concurrently and switch photo resolutions. (F/R: 20%)	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">14023672179</a>	[MS->Intel] onnxruntime_perf_test.exe fails with driver 32.0.100.3102 after random number of inferences	p3-medium	2-high	MVDS_VPU_4_SW
<a href="#">16025784722</a>	[LNL-V][SV3][AI][NPU][QAC] NPU installation bat file is missing in Latest NPU driver 3103	p2-high	2-high	MVDS_VPU_4_SW
<a href="#">14022572823</a>	[Watson Failure] caused by APPLICATION_HANG_cffffff_openvino+0x492e08	p3-medium	1-critical	MVDS_VPU_4_SW
<a href="#">22019907417</a>	VPU p-state is set to invalid value directly after IPF install	p3-medium	3-medium	MVDS_VPU_4_SW