

CPU Inference Engines:	MTL-7-155H	LNL-7-258V	ARL-7-255H
Motherboard	Lenovo, LNVNB161216	Intel Corp, LNL RVP, LNL-M LP5 RVP1	Intel Corp, Customer Reference Board Reef Ridge + Astral Peak
CPU	Intel® Core Ultra 155H @ 1.4 GHz	Intel® Core Ultra 258V @ 2.2 GHz	Intel® Core Ultra 7-255H @ 2.0 GHz
Hyper Threading	on	na	on
Turbo Setting	on	on	on
Memory	2 x 16 GB LPDDR5 @ 7467 MHz.	32 GB LPDDR5 @ 8533 MHz.	32 GB DDR5 @ 6400 MHz.
Operating System	Windows 11, 23H2	Windows 11, 23H2	Windows 11, 23H2
Kernel version	10.0.26100 Build 26100	10.0.26100 Build 26100	10.0.26100 Build 26100
iGPU/GFX driver version	3_0_32_0_101_6325	3_0_32_0_101_6325	3_0_32_0_101_6458
BIOS Vendor	AMI	Intel® Corporation	Intel® Corporation
BIOS Version	Micro-Star International Co., Ltd. E15A1IMS.106	LNLFWI1.R00.3221.D83.2408120121, 8/12/2024	Intel Corporation MTLPEMI1.R00.4404.D55.2412181125, 12/18/2024
BIOS Release	11/3/2023	8/12/2024	12/18/2024
Precision	INT4/INT8/FP16	INT4/INT8/FP16	INT4/INT8/FP16
Test Date	4/18/2025	4/18/2025	4/18/2025
Power dissipation/socket, TDP in Watt	<u>28</u>	<u>17</u>	<u>28</u>