

CPU Inference Engines:	MTL-7-165H	LNL-7-258V	LNL-9-288V
Motherboard	Lenovo, LNVNB161216	Intel Corp, LNL RVP, LNL-M LP5 RVP1	Intel Corp, LNL RVP, LNL-M LP5 RVP1
CPU	Intel® Core Ultra 155H @ 1.4 GHz	Intel® Core Ultra 258V @ 2.2 GHz	Intel® Core Ultra 258V @ 2.2 GHz
Hyper Threading	on	na	na
Turbo Setting	on	on	on
Memory	2 x 16 GB LPDDR5 @ 7467 MHz.	32 GB LPDDR5 @ 8533 MHz.	32 GB LPDDR5 @ 8533 MHz.
Operating System	Windows 11, 23H2	Windows 11, 23H2	Windows 11, 23H2
Kernel version	22631.4169	10.0.26100 Build 26100	10.0.26100 Build 26100
BIOS Vendor	Lenovo	Intel® Corporation	Intel® Corporation
BIOS Version	NPCN27WW	LNLMFWI1.R00.3221.D83.2408120121, 8/12/2024	LNLMFWI1.R00.3221.D83.2408120121, 8/12/2024
BIOS Release	3/27/2024	8/12/2024	8/12/2024
Batch size	1	1	1
Precision	INT8/FP16/FP32	INT8/FP16/FP32	INT8/FP16/FP32
Number of concurrent inference requests	14	8	8
Test Date	10/14/2024	10/14/2024	10/14/2024
Power dissipation/socket, TDP in Watt	<u>28</u>	<u>17</u>	<u>30</u>
CPU Price on 9/6/2024, Prices may vary	<u>\$503</u>	<u>\$613</u>	<u>\$686</u>