

PROJECT NAME	LenovoThinkBook16G8
BENCHMARK VERSION	1.0.0.17
COMPLETION DATE	2026-01-05 02:22:36
ITERATIONS	13
SYSTEM CONDITIONING	True

SUMMARY

BATTERY LIFE

10 HR 13 MIN

BATTERY START PERCENTAGE

99 %

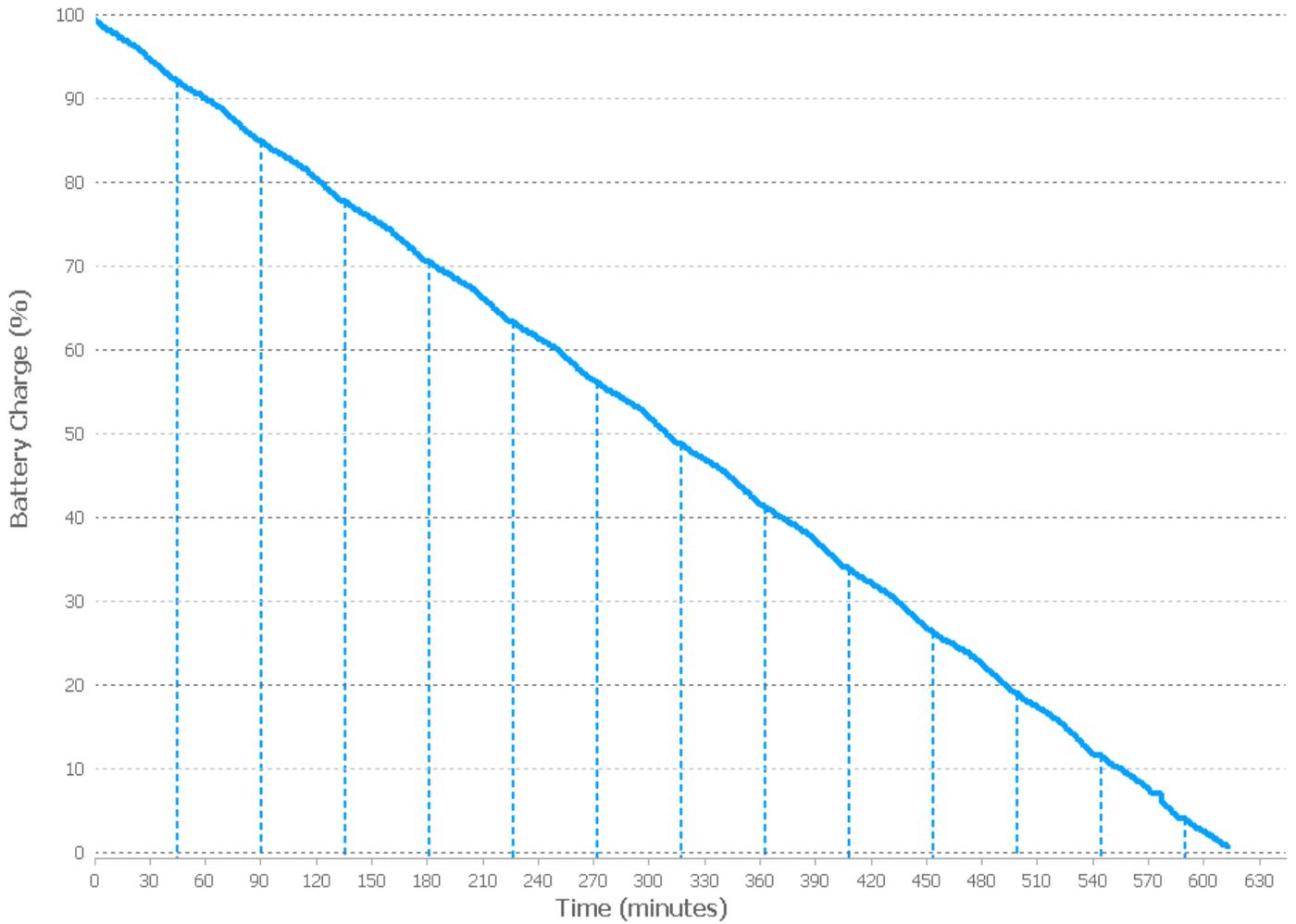
DC PERFORMANCE

642

MOBILEMARK 30 INDEX

393

BATTERY LEVEL



PROFESSIONAL PERFORMANCE

ITERATIONS	ITER 1	ITER 2	ITER 3	ITER 4	ITER 5	ITER 6	ITER 7	ITER 8	ITER 9	ITER 10
SCORES	623	619	621	626	626	618	626	624	624	622
ITERATIONS	ITER 11	ITER 12								
SCORES	623	619								

SYSTEM INFORMATION COMPARISON TABLE

System Info	This System	Calibration System
BIOS	LENOVO RKN21WW 7/23/2025	LENOVO N3QET38W (1.38) 9/15/2023

Core + Memory

Motherboard type	LNVNB161216	21HDCTO1WW
CPU	Intel(R) Core(TM) Ultra 5 225U, 1500 MHz, 12 Cores(s), 14 Logical Processor(s)	13th Gen Intel(R) Core(TM) i5-1345U, 1600 MHz, 10 Cores(s), 12 Logical Processor(s)
Memory Size	16.00 GB, 1 Channel, 5600 MHz	32.00 GB, 2 Channel, 5200 MHz
Virtual Memory	18.37 GB Total, 14.53 GB Free	36.41 GB Total, 31.32 GB Free
Virtualization	Enabled in hardware	Enabled in hardware
Secure Boot	Secure Boot State:On	Secure Boot State:On

Video

Resolution	1920 x 1200 x 60 hertz	1920 x 1200 x 60 Hertz
Brightness	50%	95%
Brightness Profiler	False	False
GPU 0	Intel(R) Graphics (version: 32.0.101.8132)	Intel(R) Iris(R) Xe Graphics (version: 31.0.101.4502)

Storage

Drive 0	476.00 GB (512105932800 bytes) Micron MTFDKCD512QGN-1BN1AABLA	238.00 GB (256052966400 bytes) WD PC SN740 SDDQNQD - 256G - 1201
Policies	Write caching: Default; Power protected: Default	Write caching: Default; Power protected: Default

Battery

Battery 0	SMP L22M3PE0 8633SMPL22M3PE0	SMP 5B10W51864 1992SMP5B10W51864
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Design Capacity	45000 mWh	52500 mWh
Full Capacity	45880 mWh	52500 mWh
Battery Health	100%	100%
Cycle Count	3	25

Operating System

OS Type	Microsoft Windows 11 Pro	Microsoft Windows 11 Pro
OS Version	10.0.26200.7462	10.0.22621.2428
Bitlocker	Volume C: Protection Off	Volume C: Protection Off
Tamper Protection	Disabled	Enabled
Windows Defender Antivirus	Enabled	Enabled
Windows Security Center	Enabled	Enabled
Power Policy	BAPCo MobileMark 30	BAPCo MobileMark30
Power Mode	Balanced	Balanced
Power Source	DC	DC
Dark Mode (MobileMark/OS)	Disabled/Disabled	Disabled/Disabled
Virtualization-based Security	Enabled	Enabled
Memory Integrity	Disabled	Enabled

BAPCO[®] MISSION

Business Applications Performance Corporation (BAPCo[®]) is a non-profit consortium with a charter to develop and distribute a set of objective performance benchmarks for personal computers based on popular computer applications and industry standard operating systems.

ABOUT THE CALIBRATION SYSTEM

The calibration system is a system chosen as a reference point for all other MobileMark[®] 30 results. BAPCo chose the configuration above for its wide availability and its representation of a typical mainstream PC at the time of release of MobileMark 30.

MobileMark[®] has been calibrated in such a way that a PC with performance equivalent to this calibration system for a given workload will have a performance rating of 1000. A system twice as fast as the calibration system on a given workload (or, equivalently, that responds in half the time on average) will have a performance rating of 2000. This is true for both overall ratings and scenario ratings.

ABOUT THE MOBILEMARK 30 INDEX

The MobileMark Index score combines the Battery Life score and the DC Performance score into a single metric, showing the balance between battery life and performance. A higher MobileMark Index value is better.

$$\text{MobileMark Index} = \frac{\text{Battery Life} * \text{DC Performance}}{1000}$$