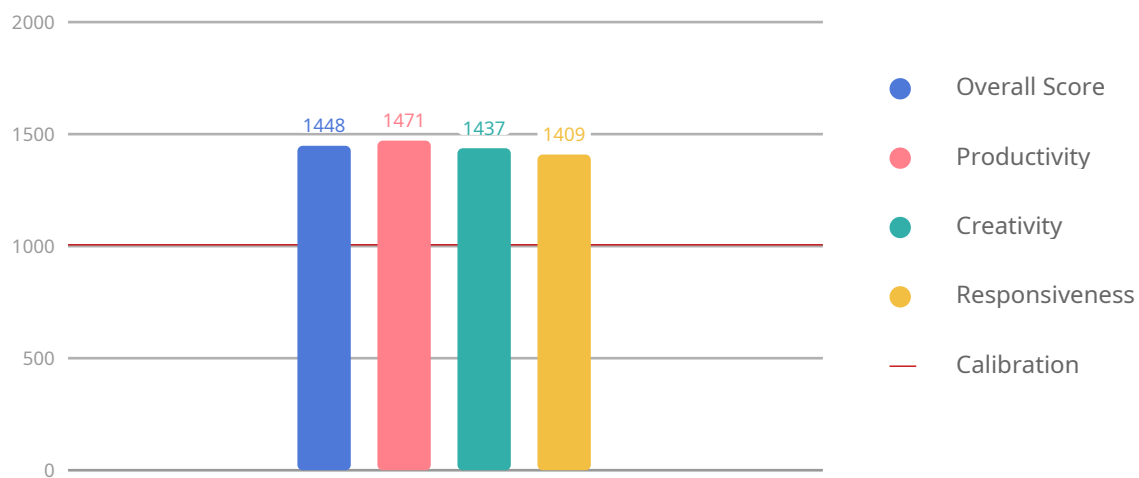


Test Summary

Project Name	msi - 1891TR
Benchmark Version	1.0.1.95
Completion Date	2024-05-31 12:33:43
Iterations	3
Scenarios Run	 Productivity  Creativity  Responsiveness
Conditioning Run	True

Performance Scores

 1448 Overall Score	 1471 Productivity	 1437 Creativity	 1409 Responsiveness
Iteration 1	1472	1467	1412
Iteration 2	1478	1438	1414
Iteration 3	1463	1407	1402



System Information Comparison Table

System Info	This System	Calibration System
BIOS	American Megatrends International, LLC. E16R8IMS.504 31-01-2024	LENOVO M1UKT4EA 12/1/2019
Device Type	NoteBook	Desktop
Identifier	GenuineIntel Intel64 Family 6 Model 154 Stepping 3	GenuineIntel Intel64 Family 6 Model 158 Stepping 10
Motherboard	Micro-Star International Co., Ltd. MS-16R8	LENOVO 312D
CPU	12th Gen Intel(R) Core(TM) i5-12450H, 2000 MHz, 8 Core(s), 12 Logical Processor(s)	Intel(R) Core(TM) i5-8500T CPU @ 2.10GHz, 2112 Mhz, 6 Core(s), 6 Logical Processor(s)
CPU Architecture	X64	X64
Memory	16.00 GB, 2 Channel(s), 3200 MHz	8.00 GB, 1 Channel(s), 2667 MHz
Power Source	AC	AC
Drive 0	476.94GB, NVMe SAMSUNG MZVL4512HBLU-00BTW, NVMe	238.47 GB, SAMSUNG MZ7LH256HAJD-000L7, Serial ATA (SATA)
GPU	NVIDIA GeForce RTX 3050 Laptop GPU (version: 31.0.15.3667)	Intel(R) UHD Graphics 630 (version: 26.20.100.7372)
Screen Resolution	1920 X 1080	1920 X 1080
OS Type	Microsoft Windows 11 Home Single Language	Microsoft Windows 10 Pro
OS Version	10.0.22621.1848	10.0.18363.418
Virtualization	Disabled in firmware	Enabled in firmware
Secure Boot	Secure Boot State Off	Secure Boot State On
Tamper Protection	Disabled	Disabled
Windows Defender Antivirus	Unknown	Disabled
Windows Security Center	Enabled	Disabled
Power Policy	Balanced	CrossMark
Power Slider Overlay	Best Performance	Not Applicable

Config Version	Unknown	
Virtualization-based security	Enabled	
License Type	Enterprise Version (396)	

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 CrossMark results. BAPCo chose the configuration above for its wide availability and its representation of a typical mainstream PC at the time of release of CrossMark.

CrossMark 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.