

MobileMark 2018 patch 6 v1.0.6.55

Release notes: 5th February 2021

General Notes:

- Supports Win 10 (64 bit) - RS3 (1709) and above
- Reference system: Lenovo ThinkPad T480s
 - CPU: Intel Core i5-8250U @ 1.60 GHz
 - Graphics: Intel HD 620
 - Resolution: 1920x1080
 - Display Brightness: 200 nits
 - OS build version: Win 10 RS4 build 10.0.17134.228 (64bit)
 - RAM: 1 X 8GB (Single Channel)
 - Storage: 256 GB Solid State Drive, PCIe-NVMe OPAL2.0 M.2
- Included scenarios
 - Productivity (PR)
 - Included PR applications
 - Microsoft Word 2016
 - Microsoft Excel 2016
 - Microsoft PowerPoint 2016
 - Microsoft OneNote 2016
 - Microsoft Outlook 2016
 - Adobe Acrobat DC
 - AutoIT 3.3.14.2
 - Creativity (CR)
 - Included CR applications
 - Adobe Photoshop Lightroom Classic
 - Adobe Photoshop CC 2018
 - Cyberlink PowerDirector 15
 - Web Browsing (WB)
 - Included WB applications
 - Google Chrome 70
 - Microsoft Movies & TV
- Calibration score: 1000
- Must not run on a live Internet connection.

New Features

- None for this release

Fixes/Updates

- Low scores with Windows 10 build 20H1 (19041.450)
 - Root cause: Current method sets DisableAntiSpyware registry value to mitigate the effect of Windows Defender. Microsoft, as part of its KB4052623 update, has changed this logic resulting in lower scores.

- Fix: In addition to Windows Defender Antivirus, Disable Windows Security Center service by setting corresponding registry values. Show Enabled/Disabled status of both Windows Defender Antivirus and Windows Security Center in PDF.
- *Note:* This fix may not work in future windows releases, as seen with 21H1 preview build, where Microsoft has removed write access to security center registry. If the benchmark is run on a build with this change, it will run with Security Center Enabled and on completion, report the status of Security Center in the PDF.
- Non-English Language Support
 - Some Non-English languages were broken.
Fix: use class name for Movie_TV workload in Web Browsing scenario.
 - If benchmark is unable to read required system information elements, user will be prompted to either continue or exit (default) the benchmark. See **Appendix A**.
 - Updated language conversion table for 8 non-English languages to support new PDF entries.
- AutoIT Error with Zip Compress Workload.
Fix: For *Zip_AddFolder* function use window class to determine task completion before checking zipped file availability
- Timing issue on slower systems resulting in failure in last iteration.
Fix: Increase Timeouts for Acrobat, PowerPoint, Photoshop, Lightroom and Power Director workloads to support slower systems in last iteration.
- PDF will now report whether Hyper-V Virtualization is enabled in firmware or hardware.
- PDF will now report status of Virtualization based security.

Known issues

- If the system under test was running on Windows 10 RS2 (1703), the low battery notification dialog will appear when battery level is low and causes the test to fail.
- Microsoft OneDrive crashes on some systems and interferes with benchmark run
 - Workaround: Uninstall OneDrive before installing benchmark
- OneNote email workload may select UWP version of Outlook which causes the workload to error. Workaround is to set default application to Outlook 2016.
- Microsoft Office application workloads will fail if a pre-existing installation of Office is not completely cleaned out before install. This includes Microsoft Office UWP apps, as well as any OEM installed Office trial copies.
 - Office Removal tool: <https://support.office.com/en-us/article/Uninstall-Office-from-a-PC-9dd49b83-264a-477a-8fcc-2fdf5dbf61d8>
 - Reboot, then
 - Cleanout registry if necessary: <https://support.office.com/en-us/article/office-repeatedly-prompts-you-to-activate-on-a-new-pc-a9a6b05f-f6ce-4d1f-8d49-eb5007b64ba1>
- Translation on some supported foreign languages is not complete.

Appendix A: User prompt when benchmark fails to read system information.

