

HP ZBook Firefly 14 G11 Mobile Workstation PC: Improve productivity, battery life, and power efficiency

vs. an HP ZBook Firefly 14
G10 Mobile Workstation PC

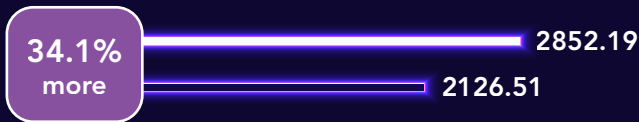
For business, creative, and technical professionals with an eye to the future, investing in an HP ZBook Firefly 14 G11 Mobile Workstation PC can bring many advantages. That's in part because the ZBook Firefly 14 G11 is powered by an Intel® Core™ Ultra processor, which integrates central processing unit (CPU), graphic processing unit (GPU), and neural processing unit (NPU) cores into a single package.¹

Identify people and objects faster with AI

The MLPerf ResNet-50 benchmark measures how many samples per second a system can process.² ResNet models are trained on over a million images to help business, creative, and technical professionals organize and categorize objects, people, and places in images.

Higher is better

ResNet-50 samples per second



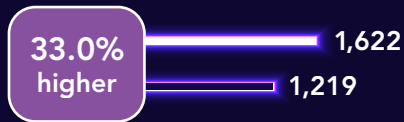
■ HP ZBook Firefly 14 G11 ■ HP ZBook Firefly 14 G10

Tackle bigger content creation projects

The 3DMark® Time Spy Extreme benchmark is a DirectX 12 test that stresses graphics cards and multi-core processors.³ Better real-time graphics performance can translate to faster 3D graphics rendering and smoother viewing experiences.

Higher is better

3DMark Time Spy Extreme score



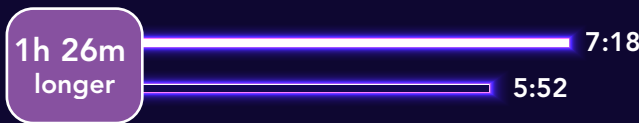
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Balance performance and battery efficiency

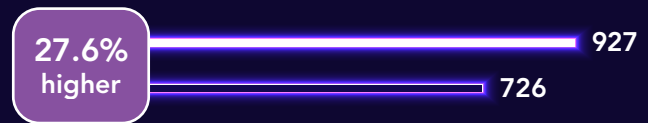
The MobileMark 30 battery life benchmark uses real-world applications to gauge battery life in office productivity situations, and its MobileMark 30 Index score factors in DC performance and battery life results.⁴ Higher Index scores reveal a better balance between performance and battery life. For reference, power efficiency is the ratio of the useful output energy to the total input energy consumed.

Higher is better

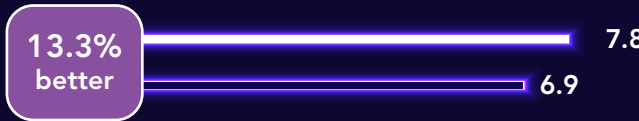
Battery life (h:mm)



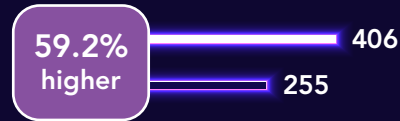
DC performance score



Power efficiency



MobileMark 30 Index score



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¹ Intel, "Intel® Core™ Ultra Processors Product Brief," accessed November 4, 2024, <https://www.intel.com/content/www/us/en/products/docs/embedded-processors/core-ultra/product-brief.html>.

² ML Commons, "MLPerf Inference: Datacenter Benchmark Suite Results," accessed November 5, 2024, <https://mlcommons.org/benchmarks/inference-datacenter/>.

³ UL Procyon, "Overview of 3DMark Time Spy Extreme benchmark," accessed November 5, 2024, <https://support.benchmarks.ul.com/support/solutions/articles/44002136104-overview-of-3dmark-time-spy-extreme-benchmark>.

⁴ BAPCo, "MobileMark 30," accessed November 5, 2024, <https://bapco.com/mobilemark-30/>.

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