



HP PROBOOK 635 AERO G8 NOTEBOOK PC

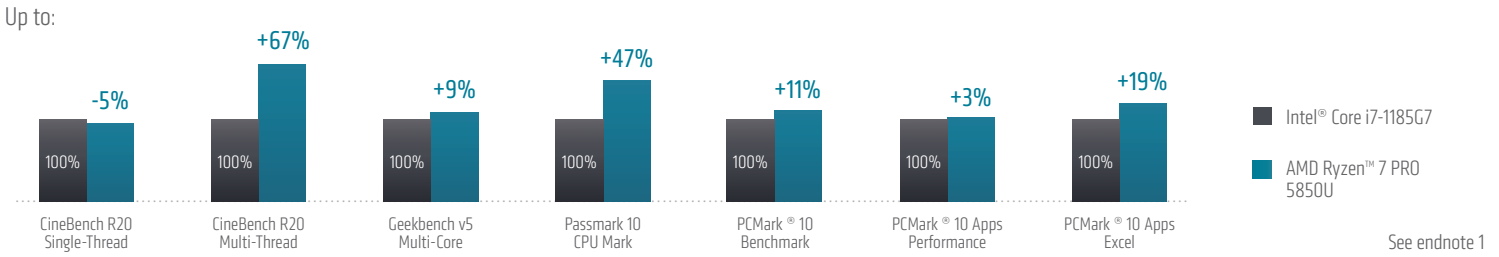
POWERED BY THE LATEST AMD RYZEN™ PRO 5000 SERIES MOBILE PROCESSORS

WORLD'S LIGHTEST AMD-BASED BUSINESS NOTEBOOK

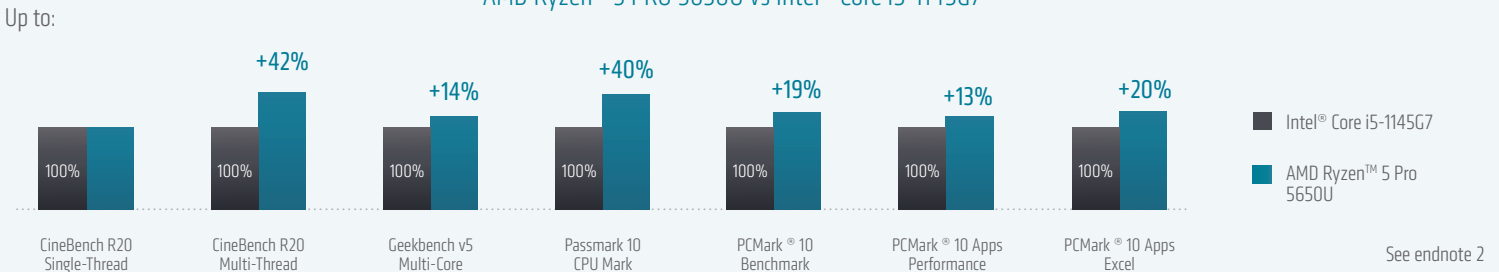
With configurations starting under 1kg, AMD Ryzen™ PRO powered HP ProBook 635 Aero G8 Laptop PCs feature a lightweight design that delivers modern performance and connectivity features to professionals at growing companies who move from desk to meeting room to home. With the latest in security and manageability features, AMD PRO technologies deliver a simple, protected, and powerful computing experience to boost productivity and reduce maintenance downtime.

HOW IT PERFORMS

HP ProBook 635 Aero G8
AMD Ryzen™ 7 PRO 5850U vs Intel® Core i7-1185G7



HP ProBook 635 Aero G8
AMD Ryzen™ 5 PRO 5650U vs Intel® Core i5-1145G7



BATTERY LIFE

Time is money, so AMD Ryzen™ PRO 5000 Series powered HP ProBook 635 Aero G8 notebooks enable leading performance with power-efficient processing that delivers up to 6.25 hours more battery life than the competition.

Battery Life (Hours)



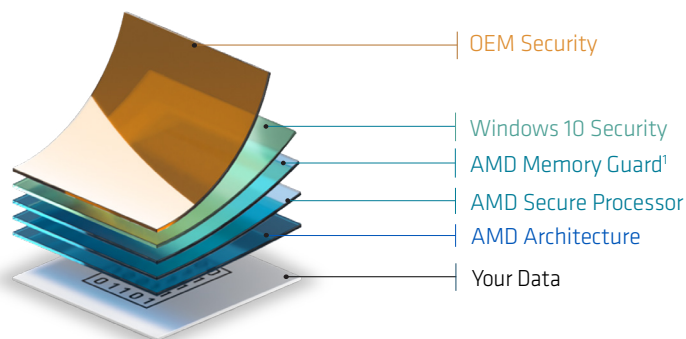
Ryzen™ 7 5800U
HP ProBook 635 Aero G8 (53 Wh Battery)
Up to 19 Hours³

Ryzen™ 7 5800U
HP ProBook 635 Aero G8 (42 Wh Battery)
Up to 19 Hours³



THE MOST MODERN SECURITY

AMD PRO security provides innovative layers of defense at the silicon, OS, and platform levels to give IT teams comprehensive security features for the entire system.



NEW IN AMD RYZEN™ PRO 5000 SERIES

AMD Shadow Stack
delivers a robust security approach to help add protection against control-flow attacks.

Secured-core PC
Deep integration with Microsoft and OEMs to support secure Windows PCs.

FIPS 140-3* Certification
Government encryption standard adopted by private sector as best practice for validating the security of cryptographic hardware.

*FIPS 140-3 implementation under test

BUILT FOR PROFESSIONALS

"Zen 3" architecture delivers higher frequencies, higher instructions per clock, and lower latency

The only high performance 8-Core x86 CPU for Ultrathin Business Notebooks



Refined 7nm process technology delivers leading performance and battery life

AMD PRO technologies:
AMD PRO security
AMD PRO manageability
AMD PRO business ready

SPECIFICATIONS

Model	Processor	Graphics	Display	HP Sure Start ⁵	Operating System	Battery Life MM18	Weight	Dimensions
 HP ProBook 635 Aero G8	Choose from AMD Ryzen™ PRO and non-PRO 3/5/7 5000 Series mobile processors	AMD Radeon™ Graphics	13.3" display up to FHD	✓	Windows 10 Pro	Battery life up to 19 hrs ³	Starting at 2.20 lbs. (0.99 kg)	12.11 x 8.05 x 0.7 in (17.9 mm tall)

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¹Testing as of 2/24/2021 by AMD Performance Labs utilizing Dell Latitude 5420 with Intel Core i7-1185G7 processor, Intel(R) Iris(Xe) Graphics, 32 GB RAM - 3200 MHz, PC711 NVMe SK hynix 512GB Drive with Win Pro vs. HP ProBook 635 Aero G8 with AMD Ryzen 7 PRO 5850U processor, AMD Radeon(TM) Graphics, 16 GB RAM - 3200 MHz, WDC PC SN530 SDBPNPZ-512G-1006 Drive with Win Pro Using the following tests: CineBench R20 1-thread, CineBench R20 n-thread, Geekbench v5 (5.3.1) Multi-Core Score (64-bit), Passmark 10 CPU Mark, PCMark® 10 Benchmark, PCMark® 10 APP Performance Overall, PCMark® 10 App Performance, Excel The composite geometric mean score is an average which indicates the typical value of the benchmark results. PC manufacturers may vary configurations yielding different results. Results may vary. PCMark® is a registered trademark of Futuremark Corporation.CZP-53

²Testing as of 2/24/2021 by AMD Performance Labs utilizing Dell Latitude 5420 with Intel Core i5-1145G7 processor, Intel(R) Iris(Xe) Graphics, 32 GB RAM - 3200 MHz, XKG60ZNV512G NVMe KIOXIA 512GB Drive with Win Pro vs. HP ProBook 635 Aero G8 with AMD Ryzen R5-Pro 5650U processor, AMD Radeon(TM) Graphics, 16 GB RAM - 3200 MHz, SK hynix PC711 HFS512GE9X073N Drive with Win Pro Using the following tests: CineBench R20 1-thread, CineBench R20 n-thread, Geekbench v5 (5.3.1) Multi-Core Score (64-bit), Passmark 10 CPU Mark, PCMark® 10 Benchmark, PCMark® 10 APP Performance Overall, PCMark® 10 App Performance, Excel The composite geometric mean score is an average which indicates the typical value of the benchmark results. PC manufacturers may vary configurations yielding different results. Results may vary. PCMark® is a registered trademark of Futuremark Corporation.CZP-54

³CD-168 - All battery life claims are approximate. Battery life tested by HP based on MobileMark 2018 testing results reported on Bapco.com using an HP ProBook 635 Aero G8 with a Ryzen 5800U 53Wh battery, HP ProBook 635 Aero G8 with a Ryzen 5800U 42Wh battery, HP ProBook 635 Aero G8 with a Core i7-1165G7 with 45Wh battery. Actual battery life will vary based on several factors, including but not limited to product configuration and usage, software, operating conditions, wireless functionality, power management settings, screen brightness and other factors. The maximum capacity of the battery will naturally decrease with time and use. AMD has not independently tested or verified the battery life claim. For more information about the MobileMark 18 benchmark test, see www.bapco.com. CD-168.

⁴Ryzen PRO 5000 Series Mobile Processors have the "Most Modern Security". (Defined by Microsoft secured core PC - Modern security, and enabled by system manufacturers)

⁵HP Sure Start for AMD is available on select HP PCs with AMD processors. See product specifications for availability.

"Zen 3" is a codename only and not an AMD product name.

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