



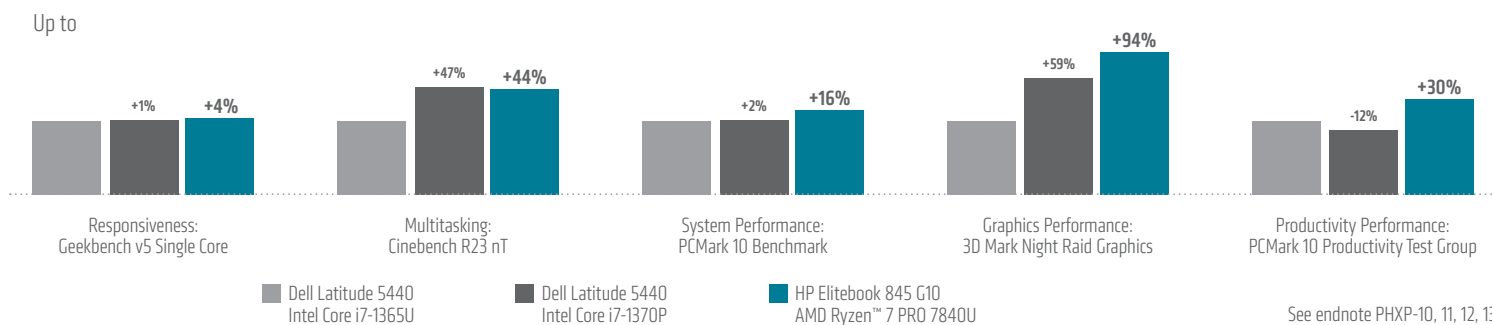
## HP ELITEBOOK 845 G10

POWERED BY THE LATEST AMD RYZEN™ AND RYZEN™ PRO 7040 SERIES PROCESSORS

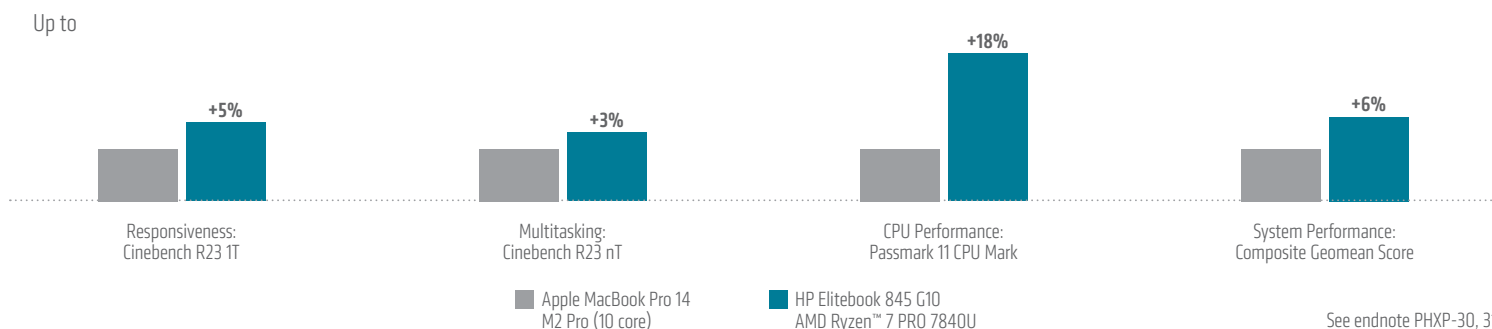
### DESIGNED FOR ENTERPRISE. MADE FOR YOU.

Overcome obstacles to hybrid work with the HP EliteBook 845 G10. Powered by AMD Ryzen™ and Ryzen™ PRO 7040 Series processors, these thin and lightweight notebooks provide users with the most advanced x86 laptop processors<sup>1</sup> for business today. Offering all-new levels of performance to accelerate enterprise productivity, incredibly long battery life to collaborate longer than ever before and delivering the most modern security features<sup>2</sup> available for enterprise, the HP EliteBook 845 G10 is the perfect companion device for professionals in the office or on the go.

### AMD RYZEN™ PRO 7040U SERIES DELIVERS LEADING PERFORMANCE VS INTEL 13TH GEN



### AMD RYZEN™ PRO 7040U SERIES DELIVERS LEADING PERFORMANCE VS APPLE M2 PRO



### AMD RYZEN™ PRO 7040U SERIES DELIVERS LEADERSHIP BATTERY LIFE FOR PROFESSIONALS

Up to  
**58%**  
LONGER BATTERY LIFE  
FOR MICROSOFT TEAMS  
CONFERENCING

When compared to the  
Dell Latitude 5440 with  
Intel Core i7-1365U



Up to  
**70%**  
LONGER BATTERY LIFE  
FOR MICROSOFT TEAMS  
CONFERENCING

When compared to the  
Dell Latitude 5440 with  
Intel Core i7-1370P



Up to  
**10%**  
LONGER BATTERY LIFE  
FOR MICROSOFT TEAMS  
CONFERENCING

When compared to the  
Apple MacBook Pro 14  
with M2 Pro (10 core)



See endnote PHXP-29, 33

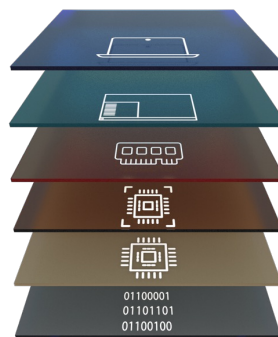
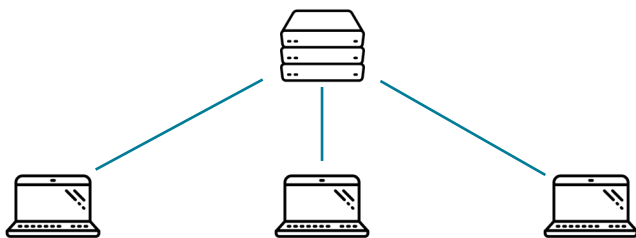
## AMD PRO TECHNOLOGIES

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

### AMD PRO SECURITY:

A multilayered set of security features at the hardware, OS, and system level.

Windows 11 PCs powered by AMD Ryzen™ PRO 7040 Series processors come with the latest Microsoft security features delivering the latest and most modern protection.



See endnote: GD-206, GD-72, PHXP-35

- OEM SECURITY FEATURES  
**HP Wolf Security**  
**HP Sure Start**
- WINDOWS® 11 SECURITY  
**Secured-Core PC**  
**Hardware Enforced Stack Protection**
- AMD MEMORY GUARD  
**FIPS 140-3 Level 1 and Level 2\* Certification**  
**AMD Secure Processor**
- AMD "ZEN 4" ARCHITECTURE  
**AMD ShadowStack**
- YOUR DATA

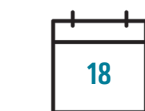
\* FIPS 140-3 implementation under test

### AMD MEMORY GUARD:

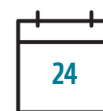
AMD Memory Guard helps protect company's sensitive business data if an employee's PC is lost or stolen.

### AMD PRO BUSINESS READY:

Provides a robust manageability feature set that simplifies deployment, imaging, and management of an ever-growing and changing fleet.



**18**  
**MONTHS**  
planned software stability



**24**  
**MONTHS**  
planned availability

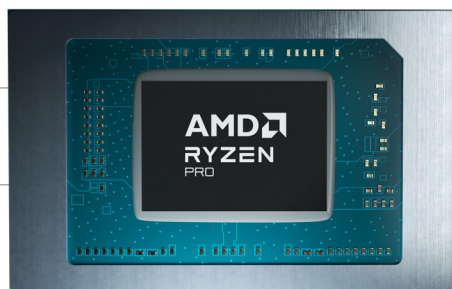


**ENTERPRISE GRADE**  
quality assurance stability

## DESIGNED FOR PROFESSIONALS

"Zen 4" architecture delivers high frequencies, high instructions per clock, and lower latency

An incredible high-performance 8-core x86 CPU for ultrathin business notebooks



4nm process technology delivers leadership performance and battery life

AMD PRO technologies:

- ✓ AMD PRO security
- ✓ AMD PRO manageability
- ✓ AMD PRO business ready

Model	Processor	Graphics	Display	HP Wolf Security for Business	Operating System	Battery Life	Connectivity	Dimensions/Weight
HP EliteBook 845 G10	<b>AMD Ryzen™ PRO 7040 Series Processors:</b> AMD Ryzen™ 9 7940HS AMD Ryzen™ 7 7840HS AMD Ryzen™ 7 PRO 7840U AMD Ryzen™ 7 7840U AMD Ryzen™ 5 PRO 7540U AMD Ryzen™ 5 7540U	Integrated AMD Radeon™ 700M Graphics	14" diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 400 nits, low power, 100% sRGB	✓	Windows 11 Pro	Battery life up to 6 hours and 48 minutes of Microsoft Teams Video Conferencing	2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 2 USB Type-A 5Gbps signaling rate (1 charging); 1 HDMI 2.0	12.42 x 8.82 x 0.76 in 31.56 x 22.40 x 1.92 cm  Starting at 1.33 kg (2.93 lbs.)

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- RYZEN 7000 SERIES PRO mobile: Based on a smaller node size of the AMD processor for a business-class x86 platform; Based on a smaller node size of the AMD processor when compared to Apple Silicon as of May 2023. **GD-203**
- "Most Modern Security" is defined as AMD CPUs with Microsoft Secured-core PC - Modern Security technology enabled by the system manufacturer. Check with your system manufacturer prior to purchase. **PHXP-35**
- Testing as of 5/31/23 by BOXX Technologies, commissioned by AMD, utilizing System configuration for AMD Ryzen 7 PRO 7840U HP EliteBook 845 G10, 16GB RAM, 1TB NVMe SSD, Integrated Radeon Graphics, Windows 11 Pro. System configuration for Intel Core i7 1365U: Dell Latitude 5440, 16GB RAM, 512GB NVMe SSD, Intel Integrated graphics, Windows 11 Pro using the following tests: Geekbench v5 Single Core, Cinebench R23 nT, Passmark 11 CPU Mark, 3D Mark Night Raid Graphics, Blender Bench CPU - Classroom. Laptop manufacturers may vary configurations yielding different results. **PHXP-13**
- Testing as of 5/31/23 by BOXX Technologies, commissioned by AMD, utilizing System configuration for AMD Ryzen 7 PRO 7840U HP EliteBook 845 G10, 16GB RAM, 1TB NVMe SSD, Integrated Radeon Graphics, Windows 11 Pro. System configuration for Intel Core i7 1365U: Dell Latitude 5440, 16GB RAM, 512GB NVMe SSD, Intel Integrated graphics, Windows 11 Pro using the following tests: PCMark 10 Express, PCMark 10 Benchmark, PCMark 10 Extended, PCMark 10 Productivity Test Group, and UL Procyon Word. Laptop manufacturers may vary configurations yielding different results. **PHXP-11**
- Testing as of 5/31/23 by BOXX Technologies, commissioned by AMD, utilizing System configuration for AMD Ryzen 7 PRO 7840U HP EliteBook 845 G10, 16GB RAM, 1TB NVMe SSD, Integrated Radeon Graphics, Windows 11 Pro. System configuration for Intel Core i7 1370P: Dell Latitude 5440, 16GB RAM, 256GB NVMe SSD, Intel Integrated graphics, Windows 11 Pro using the following tests: Geekbench v5 Single Core, Passmark 11 Overall, Passmark 11 CPU Mark, 3D Mark Night Raid Graphics, Blender Bench CPU - Classroom. Laptop manufacturers may vary configurations yielding different results. **PHXP-12**
- Testing as of 5/31/23 by BOXX Technologies, commissioned by AMD, utilizing System configuration for AMD Ryzen 7 PRO 7840U HP EliteBook 845 G10, 16GB RAM, 1TB NVMe SSD, Integrated Radeon Graphics, Windows 11 Pro. System configuration for Intel Core i7 1370P: Dell Latitude 5440, 16GB RAM, 256GB NVMe SSD, Intel Integrated graphics, Windows 11 Pro using the following tests: PCMark 10 Express, PCMark 10 Benchmark, PCMark 10 Extended, PCMark 10 Productivity Test Group, PCMark 10 Apps Word, PCMark 10 Apps Excel, PCMark 10 Apps PowerPoint. Laptop manufacturers may vary configs yielding different results. **PHXP-13**
- Testing as of 6/3/23 by BOXX Technologies, commissioned by AMD, utilizing System configuration for AMD Ryzen 7 PRO 7840U HP EliteBook 845 G10, 16GB RAM, 1TB NVMe SSD, Integrated Radeon Graphics, Windows 11 Pro. Testing as of 6/3/23 by AMD Internal Labs utilizing system configuration for Apple M2 Pro (10 core) processor: Apple MacBook Pro 14, 16GB RAM, 512GB NVMe SSD, Apple Integrated graphics, macOS 13.2 using a Geomean composite average score of the following benchmark test results: Cinebench R23 nT, Cinebench R23 nT, Passmark 11 CPU Mark. Laptop manufacturers may vary configurations yielding different results. **PHXP-30**
- Testing as of 6/3/23 by BOXX Technologies, commissioned by AMD, utilizing an AMD Ryzen 7 PRO 7840U HP EliteBook 845 G10, 16GB RAM, 1TB NVMe SSD, Integrated Radeon Graphics, Windows 11 Pro. Additional testing as of 6/3/23 by AMD Labs utilizing an Apple M2 Pro (10 core) processor: Apple MacBook Pro 14, 16GB RAM, 512GB NVMe SSD, Apple Integrated graphics, macOS 13.2 using a Geomean composite average score of the following benchmark test results: Cinebench R23 nT, Cinebench R23 nT, Passmark 11 CPU Mark. Laptop manufacturers may vary configurations yielding different results. **PHXP-31**
- Based on internal testing by AMD as of 6/3/23. Battery life results evaluated by operation of a nine-participant Microsoft Teams video conference on battery. System configuration for AMD systems run from power level 90% > 45% @150nits brightness and power mode set to "power efficiency." Apple system run from power level 100 > 0 @150nits brightness, and battery mode is set to "Low Power Mode." System configuration for Apple M2 Pro 10 core: Apple MacBook Pro 14 Integrated graphics, 16 GB RAM, 512GB NVMe SSD, macOS 13.2, and 69.6Wh battery. System configuration for Ryzen 7 7840U HP EliteBook 845 G10, 16GB RAM, 512GB NVMe SSD, Windows 11 Pro and 51.3Wh battery. System config for Intel Core i7-1365U: Dell Latitude 5440, 16GB RAM and 1TB NVMe SSD, Intel Integrated Graphics, Windows 11 Pro and 54 Wh battery. System config for Intel Core i7-1365U: Dell Latitude 5440, 16GB RAM and 1TB NVMe SSD, Intel Integrated Graphics, Windows 11 Pro and 54 Wh battery. Actual battery life will vary based on a variety of factors. Laptop manufacturers may vary configurations, yielding different results. **PHXP-33**
- Full system memory encryption with AMD Memory Guard is included in AMD Ryzen PRO, AMD Ryzen Threadripper PRO, and AMD Athlon PRO processors. Requires OEM enablement. Check with the system manufacturer prior to purchase. **GD-206**
- The AMD Secure Processor is a dedicated on-chip security processor integrated within each AMD on-a-chip (SoC) and ASIC (Application Specific Integrated Circuit) designed by AMD. It enables secure boot with root of trust anchored in hardware, initializes the SoC through a secure boot flow, and establishes an isolated Trusted Execution Environment. **GD-72**

\*"Zen 4" is a codename only and not an AMD product name. ©2023 Advanced Micro Devices, Inc.

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