

## Principled Technologies study shows the HP Elite SFF 805 G9 Desktop PC can boost performance and energy efficiency

In tests with general, graphics, and AI workloads, this AMD Ryzen PRO processor-powered SFF desktop outperformed a Dell OptiPlex SFF Plus Desktop

PALO ALTO, CA, UNITED STATES, November 4, 2024 /EINPresswire.com/ -- Organizations increasingly work with enormous amounts of data. Even as they help make sense of these data, Al and ML technologies can add extra resource burdens. PT writes, "the more effectively your teams can transform data such as edge data, medical records, POS metrics, and security footage into actionable insights, the more likely you can be to meet and exceed your long-term goals." Commercial desktops that can empower users to complete dayto-day tasks more quickly, crunch through graphicsheavy workloads in less time, or handle more Al work can be a boon to workforces. Plus, devices that use less power as they run can help organizations' bottom lines.



When Principled Technologies (PT) tested HP Elite

SFF 805 G9 Desktop PCs with AMD Ryzen PRO 8000G Series processors, they found that they outperformed similarly configured Dell OptiPlex SFF Plus Desktops with Intel vPro with Intel Core processors on general performance, graphics-heavy, and AI workloads. They achieved a 3DMark Time Spy overall score up to 244.6 percent higher than the competitors, as well as a Geekbench AI Quantized score up to 408.4 percent higher. According to the report, "These findings suggest AMD Ryzen PRO 8000G Series processor-powered HP Elite SFF 805 G9 Desktop PCs can help you transform business data into actionable insights."

Additionally, the HP Elite SFF 805 G9 Desktop PCs also consumed less power during a resource-intensive video call presentation. The study explains, "Decreasing the amount of energy your systems use during resource-intensive tasks can help your company save money and reduce

your carbon footprint. Such tasks include modeling 3D figures, rendering an MRI scan, running a complex financial algorithm, and sharing material during a video call." The HP Elite SFF 805 G9 Desktop PCs consumed up to 28.8 percent less power during these tests.

To learn more, read the report <a href="https://facts.pt/ajyZXcZ">https://facts.pt/ajyZXcZ</a>. See infographics on the configurations' results at <a href="https://facts.pt/XcMTaOA">https://facts.pt/XcMTaOA</a> and https://facts.pt/pSta8IN.

About Principled Technologies, Inc.

Principled Technologies, Inc. is the leading provider of technology marketing and learning & development services.

Principled Technologies, Inc. is located in Durham, North Carolina, USA. For more information, please visit www.principledtechnologies.com.

Sharon Horton Principled Technologies, Inc. press@principledtechnologies.com Visit us on social media:

Facebook

Χ

LinkedIn YouTube



performance while using less power

Increase productivity and consume less energy with
an HP Elite SFF 805 GP Desktop PC We measured general graphs, and Al parformance and monitored energy consumption while running a resource-intensive workload on an HP Elite SFF 805 GP Desktop PC powered by an AMD Rycen* 5 MO 58000 processes and a Delf* "Ceptilles" 5FF Fasa Desktop powered by an Intel* "North all near Core"; 5 HPMO processor
Both small form factor (SFT) desklops contained 1s GB of RMM and 511 CB of SSD stosage. No GB of RMM is adequate for standard business professionals who tend to have several programs open and numbing.
Boost day-to-day performance  **TauMak* Informancates 11 combines CPU, 20 and 30 graphics, storage, and memory test performance metaic into a cereal Plassifier's crising 1
PassMoth Perference Seat 11.0 holper in benero serior sin the seat and those into benero learned to the seat and those into benero learned to the seat and those into benerous seat and consistent and seat and the s
12 et ligher overd seing
Power graphics-heavy workloads  While you nektoral is probley reg faving garen on these systems, brain 2004aff Time Spy source on commission to lear response the time graphics heavy financial analysis programs, demanding scientific directations, and product design and development software.
2006-61. The Sky years Sydye having on the second of the s
Run Al and ML applications more efficiently
Oeelborch Al sess the predictions competed by a single-precision float22 model and a quantized score silling flash in this precision to evaluate assistant All preferences. This Single Procision score report floods precision and the Countered core respects of precision for some stategy, we used the Open House N interest Coultaings (CNR0)2 All transmort and Discorde All backed for made the service got Windows.
Genékanná At ONDO, Chronichille, foglar in Intellier)  (Extraction and Atlantic State of Contraction of Contrac
Construction particles  Description  Description  Construction  Construc
55.7% feljer Fleiche zow 251.4% feljer Guntland zow
Consume less energy  Toursaing the amount of energy your systems use during resource Harmon stalls can help your company your error your direction your carbon footprint. Such stalls include modeling 30 figuress, receiving an MSI scan, naming a complex fearcrait lagethm, and, as we did for this test, sharing marked stalling. 32 chronizars wicked suffice your personal your land your personal y
Forest conscription shading a solder seating presentation (Yoles, Jones & Ballet) of the sold for so and Squar (Prick sold) plat and (  Sold Squares sold sold (Sold Squares Sold Squares S
Foundate Controls, "Andrew size Mart," reasoned figuresches 22, 2004.     Mage Verrore generate des entroller des entre des prince de la control de la
Learn more at https://lacts.ptl/VIodenEV
Principled  Copyright 2009 Require Managing to Be Seal or "Bit to a regress of the principled find- grid processor of the Copyright Seal or "Bit to a regress of the principle find- ingering and Processor of the Copyright Seal or "Bit to a regress of the Seal of the Seal of the profession on the Seal or the Seal or to great or time."  Principled  Copyright 2009 Require Seal or the Seal or
Increase
productivity and
consume less
energy with an HP
Elite SFF 805 G9
Desktop PC

This press release can be viewed online at: https://www.einpresswire.com/article/757581254

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2024 Newsmatics Inc. All Right Reserved.