

acer
for business

PRODUCTIVITY MADE SECURE

TravelMate P4

The Rise of Cyberattacks: Are small and medium-sized enterprises (SMEs) ready?



Over the past decade, digitalization has improved business capabilities of small companies by opening new avenues to improve value-producing opportunities and extending their reach. However, it also brought additional responsibilities and challenges regarding security risks and threats on digital platforms. With the growing trend of hybrid working and the use of cloud technology, cybersecurity issues have proliferated. According to a report published by Cyberpeace Foundation, 43 percent of all cyberattacks target startups and small businesses.^[1]

The limited capabilities of small and medium-sized enterprises (SMEs) to defend and combat cyberattacks makes them especially vulnerable. The expensive security measures taken by corporate institutions are often out of reach for SMEs. In addition, the value of the data stored is often overlooked by SMEs, believing it is not on the radar of potential hackers. However, there is a lucrative market on the dark web for private and commercial data. In today's world of thriving online businesses, any minor perceivable exploitation in cybersecurity can have unintended consequences, leading to financial

loss, mistrust among customers, or even damage to the business's reputation in the market. For example, one statistic showed that SMEs lost \$212,000 in 2021 due to cyber incidents that affected suppliers with whom they share data.^[2]

Therefore, the purchasing decisions around laptops and the digital tools that help enable productive and secure work, are more crucial than ever. Seventy-four percent of IT decision-makers even regard security as the primary requirement and purchasing criteria.^[3]

SMEs can enhance their defense mechanisms against cyber threats by providing cybersecurity education and enforcing a strong password policy. In addition, other necessary approaches include strengthening email and Wi-Fi security protocols as well as ensuring all security tools and applications are up to date. Choosing the right computing device with built-in security and privacy features is the first step to help protect workers and company assets.

TravelMate P series

Mobile computing for users who “take business anywhere”

The nature of work is changing, and technology must evolve to reflect these changes. Acer’s TravelMate P-Series is here to meet every need. The TravelMate P-Series is equipped with a combination of increased processing power and portability. The devices are optimized with mobile device management experience and advanced security, considering teamwork and efficiency in collaborative work environments.



TravelMate P4

Secured productivity for a decentralized workforce

Privacy and security have become a top concern for SMBs worldwide due to the rapid adoption of hybrid working models. The TravelMate P4 offers the solution to overcome challenges faced by IT and business leaders when dealing with increasingly sophisticated security threats while meeting the need for higher computing power among professionals.

With “Built to Last” Performance, the TravelMate P4 provides the mobile performance required to tackle any productivity tasks. Available in a 16” or 14” version, the TravelMate P4 is configurable with up to an AMD Ryzen™ 7 PRO 6850U processor with AMD PRO technologies and Microsoft Pluton Security Processor* for state-of-the-art hardware security. Combined with a highly refined user experience, and long-lasting battery life, the TravelMate P4 is the ultimate solution for all kinds of enterprises.





Professional Mobility

Designed with the mobile professional in mind, the TravelMate P4— at under 1.5kg (P414)— is a lightweight device for easy portability. Constructed with aluminum-magnesium, the TravelMate P4 has a sleek, slim-profile design that provides a professional yet elegant aesthetic for the modern workplace.



Maximum Performance

Equipped with the latest AMD Ryzen™ PRO 6000 Series processors with ultra-efficient "Zen 3+" core architecture, performance, with battery life are uncompromised in real-world use. Combined with fast DDR5 SDRAM, and fast PCIe 4.0 SSD storage, the TravelMate P4 ensures everyday work is effortless. Offering up to 14 hours of battery life and quality-of-life features such as quick charging, the TravelMate provides all-day performance.



State-of-the-Art Security Features

Delivering state-of-the-art security features down to the firmware level with a combination of Acer and AMD PRO technologies, the TravelMate P4 is certified by Microsoft as a Secured-core PC. In addition, the device features discrete TPM 2.0, a fingerprint reader, an IR camera with a privacy shutter, and supporting Windows Hello secure login for fast and protected logins.



Quality Collaboration

Improving the video conferencing experience is a must with the increase in online meetings. The TravelMate P4 enables high-quality calls with four DTS® Audio enabled, upward-facing speakers, providing distortion-free sounds, a dual microphone array with AI-powered noise-reduction technology, and a dedicated mute button. Collaboration has never been this clear.



Powerful Productivity

“Built for work”, the TravelMate P4 is designed with the user experience in mind. Besides the 16:10 aspect ratio and slim bezels for increased workspace, the device includes an extra-large glass touchpad to make navigation a breeze. Breeze through spreadsheets with the built-in numpad and enjoy a precise and smooth typing experience with the backlight keyboard, 1.55mm travel distance, comfortable keycaps, and quieter key presses.

Reliable Durability

Undergoing rigorous testing for durability, the TravelMate P4 is built to comply with MIL-STD 810H. The device provides ease of mind in any scenario with reinforced IO ports, spill-resistant keyboard, and scratch-resistant Corning® Gorilla® Glass touchpad.

Always Connected

Stay connected with the cloud as well as external peripherals. The latest generation of Wi-Fi 6E and Bluetooth 5.2 provides a lightning-fast and stable wireless connectivity for smooth web browsing and overall working experience. The TravelMate P4 also provides all the advanced wired connectivity required with two USB4® Type-C ports for lightning-fast data transfer, up to 40Gbps, a smart card reader, and a microSD card reader.

Eco-friendly Design

Made from recycled materials to reduce the carbon footprint, the TravelMate P4 laptop uses 37.7% post-consumer recycled plastic and 100% recycled packaging materials. The device is also internationally registered EPEAT Gold and TCO Certified for its environmentally friendly design.

Powerful performance, state-of-the-art security features, and reliable collaboration

Focus on the task at hand and know that Acer & AMD's security features are working hard in the background. The Acer TravelMate P4 provides protection against sophisticated security threats while providing the performance required for demanding tasks. Integrating Acer software and AMD PRO technologies, enterprises are able to have the necessary security features, seamless manageability, and reliable long-term performance.

A multi-layered approach to security features

1 Microsoft Pluton security processor enabled processors with AMD PRO security

Microsoft Pluton Security Processor provides ongoing enterprise-grade protection for the peace of mind of IT leaders and users with chip-to-cloud security technology. The On-by-Default protection is built into the CPU to help ensure code integrity and protection of personal data and encryption keys. Information is harder to remove even if an attacker has installed malware or has complete physical possession of the PC.

2 Secured-core for protection

Not only is the Acer TravelMate Spin P4 fully compliant with the latest TPM 2.0, but it also meets the stringent "Secured-core PC requirements", ensuring the needs of the most security-conscious customers are met. Secured-core PC helps to protect devices from firmware vulnerabilities, shielding the operating system from attacks, and helps prevent unauthorized access to devices and data with advanced access controls and authentication systems, even against advanced threats such as kernel attacks from ransomware.

"The Acer TravelMate P4 is 60% more resilient to malware than PCs that don't meet the Secured-core specifications."^[4]

3 Real-time encryption with AMD Memory Guard**

Enabled by default in Microsoft Secured-core PCs and exclusive to AMD Processors with PRO technologies, AMD Memory Guard** provides real-time encryption of the TravelMate P4's system memory to help protect against data vulnerability if the device is lost or stolen. AMD Memory Guard works universally with all applications and is designed to have minimal impact on system performance.

4 Support protection of sensitive data with AMD Secure Processor

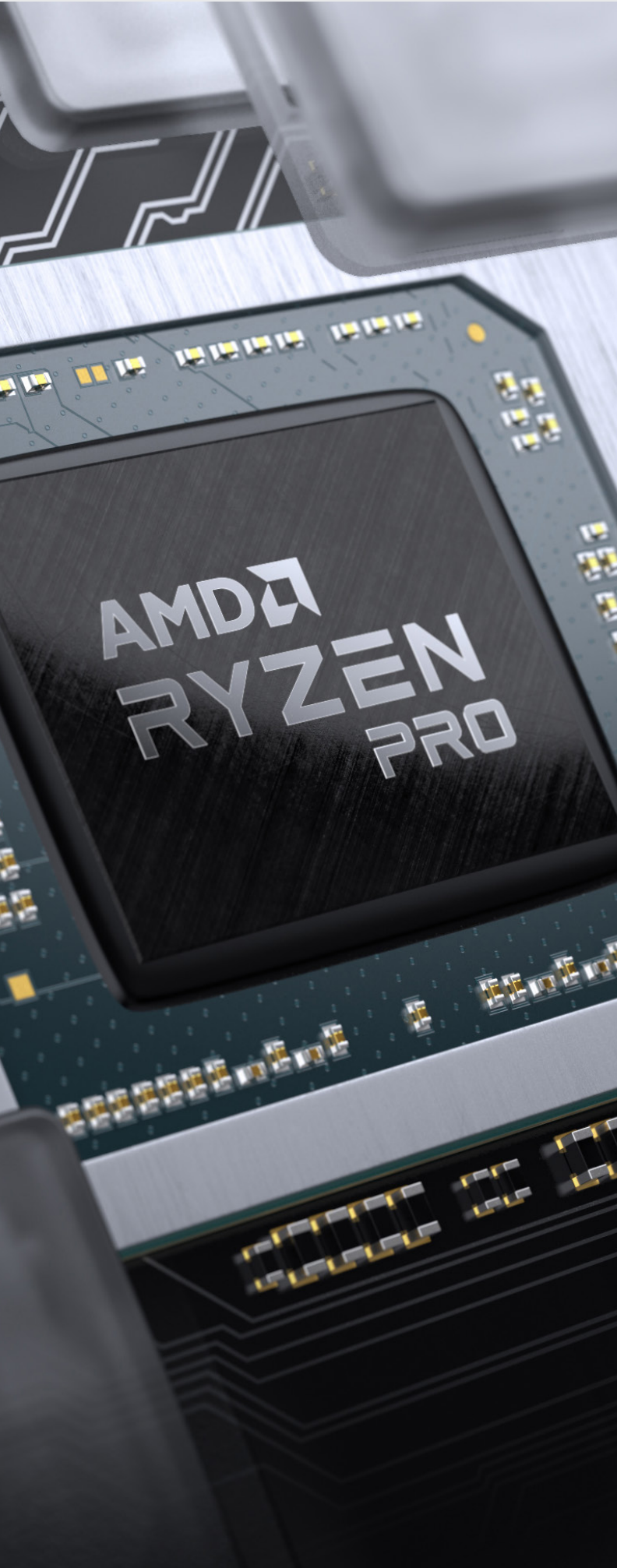
Help prevent unauthorized software and applications running on the device, AMD Secure Processor helps protect the overall system. The AMD integrated on-chip security processor on the TravelMate P4 helps protect sensitive data and validate code before it is executed.

5 Help defend against control-flow attacks with AMD Shadow Stack

Help detect and thwart control-flow attacks. AMD Shadow Stack is designed to check the normal program stack against a hardware-stored copy and enable Microsoft Hardware-enforced Stack Protection as part of a set of AMD security features to help protect the TravelMate P4.

6 Secured by Acer

On top of AMD solutions, Acer has implemented Acer ProShield Plus to secure devices against unauthorized access and intrusion. Acer ProShield Plus integrates features such as Windows Hello Authentication and Browser Guard for enhanced secure logins. Advanced yet easy-to-use file encryption and decryption are also available. Removing sensitive information to make recovery impossible is possible with our File Shredder functionality. Furthermore, Acer ProShield Plus also alerts users if there are any failed attempts to access secure data.



Streamlined IT management with AMD PRO Manageability

Manage systems across the organization with a coordinated set of tools. Fully supporting Microsoft Endpoint manager, unified endpoint management, AMD PRO manageability and Acer Office Manager ensure straightforward deployment and day-to-day IT management.

1 Designed with SMBs in mind

Acer Office Manager (AOM) is an easy-to-use utility that allows small businesses to deploy security policies, monitor IT assets, and schedule maintenance tasks in one simple manageability package. Supporting small network topology, admins can manage various devices and platforms across any small enterprise ecosystem.

2 Set up unified IT policies

Complementary to Acer ProShield to manage security policies across network, AOM allows easy deployment and enforcement of IT policies. With a one-click IT security setting, protect intellectual assets and confidential information.

3 Track and monitor IT assets

Stay in control of the IT ecosystem. Besides managing IT policies, admins can track IT assets tasks deployed across the organization with the console dashboard. Monitor any suspicious activities to prevent potential theft or data loss.

4 Maintenance scheduling on the fly

Automate maintenance tasks and solutions to manage IT assets remotely. AOM does not require a dedicated server; all that is needed is a management console on any designated PC.

5 Advanced management support

Compatible with an enterprise's current infrastructure, whether devices are being managed in the network or through the cloud with endpoint management tools, AMD Ryzen™ PRO Manageability Processor creates synergy with Acer's solution through a comprehensive set of open standards-based, CPU agnostic management features. The new generation of AMD Ryzen™ PRO 6000 Series processors feature wireless support for 32+ widely used DASH profiles and AMD Manageability Processor – a dedicated processor integrated into the CPU for enhanced wireless manageability.

Fundamental

Windows 11 Pro / Home



AMD Ryzen™ 7 PRO 6850U processor (8C/16T)
AMD Ryzen™ 5 PRO 6650U processor (6C/12T)



AMD Radeon™ 600M Graphics



Dual channel up to 32 GB of DDR5



1TB NVMe PCIe Gen4 SSD



Design

U.S MIL-STD 810H tested

180 degrees lay-flat design



Post Consumer Recycled (PCR) plastic



EPEAT Gold compliant



TCO 9 certified



Connectivity

USB4® Type-C



Fast charging



MU-MIMO 2x2 Wi-Fi 6/E
Technology + Bluetooth® 5.2



MicroSD card reader



Smart card reader



Audio

Four upward speakers with DTS® Audio



Acer Purified Voice technology with
AI noise reduction



Security features

IR webcam for facial login with Windows Hello



Fingerprint log-in on the power button
with Windows Hello



Discrete Trusted Platform Module (TPM)



Full HD webcam with privacy shutter



Microsoft Pluton Security Processor

Display

14"/ 16" 1920 x 1200 WUXGA Display



16:10 screen ratio



IPS wide angle viewing (up to 170 degrees)



Productivity

Backlit keyboard



Precision Touchpad with Corning® Gorilla® Glass

Weight

1.48 kg (3.26 lbs.) (TravelMate P414)

1.68 kg (3.7 lbs.) (TravelMate P416)

Dimensions

319.9 (W) x 229.9 (D) x 17.99 (H) mm

(12.59 x 9.05 x 0.71 inches) (TravelMate P414)

357.9 (W) x 251.9 (D) x 18.5 (H) mm

(14.09 x 9.92 x 0.73 inches) (TravelMate P416)

Specifications may vary depending on the model and region. All models subject to availability.

Take your business to the next level

At Acer, our mission is to break down barriers between people and technology. We believe technology should empower the lives of everyone. Acer is a brand for the many, not the few.

Acer's commercial products were made with consumers' needs in mind: built to be adaptable and suited for diverse work environments and scenarios. With blended working and learning environments making the need to go digital more important than ever, we are determined to continue providing the most versatile selection of products suitable for both business and education.

The ways we work and learn are rapidly evolving. All of our products and solutions take into consideration the ever-changing needs of businesses and schools to take on and overcome the new challenges of not just today, but also tomorrow.

Disclaimers

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**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.

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Source

1. [Cybersecurity for SMEs and Startups . The eBook Cybersecurity for SMEs and Startups . \(2020, October 21\). Retrieved September 5, 2022.](#)
2. [Babu, S. \(2022, August 2\). 25 cybersecurity Statistics Small Businesses should know. Small Business Trends. Retrieved September 5, 2022.](#)
3. [Offin, N. \(2022, March 25\). 2022 Business Laptop Predictions: How Hybrid Working is shaping the future. Sharp. Retrieved September 5, 2022.](#)
4. [David Weston, Vice President of Enterprise and OS Security \(2022, May 18\). Acer Pluton-powered TravelMate devices are here.](#)

