AMD together we advance\_

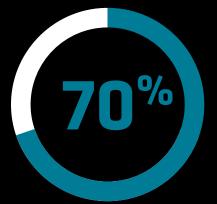
AMD RYZEN<sup>™</sup> PRO 7000 SERIES PROCESSORS

## SECURITY ADVANCED FOR MODERN CYBER THREATS



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AMD Ryzen<sup>™</sup> PRO 7000 Series processors are engineered with cuttingedge, multilayered security, extending protection from firmware to OS.



## **Remote work brings risk**

70% of security chiefs worry that remote work increases the risk of device theft. Remote computers—and the data they hold—are prime targets for cybercriminals.<sup>1</sup>

# Hardware-integrated security is a necessity

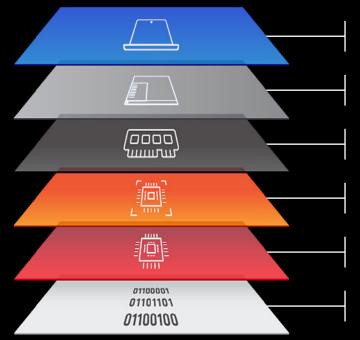
80% of security decision-makers say software alone is insufficient against evolving threats.<sup>1</sup>

## Purpose-built for today's workforce

Advanced "Zen"-based core architectures

merge high performance, energy efficiency, and versatility with robust security capabilities for today's distributed computing environments.

## **Complete, multilayered defense against cyber threats**



AMD addresses diverse attack vectors, including cold boot, DMA, and firmware threats, by integrating security at the hardware, software, and firmware levels. **OEM SYSTEM LEVEL SECURITY** ThinkShield, Wolf Security, etc.

WINDOWS® 11 OS SECURITY Secure-Core PC Hardware Enabled Stack Protection

#### AMD MEMORY GUARD

MICROSOFT PLUTON SECURITY AMD SECURE PROCESSOR

AMD "ZEN 3", "ZEN 3+", "ZEN 4" ARCHITECTURE AMD Shadow Stack

#### DATA

(User credentials, identities, personal data, and encryption keys)



**Technology Partner Security Features** 

AMD Security Features

## Partnering to strengthen security

AMD collaborates with top OS and hardware providers, ensuring continuous security updates and standard compliance.



### **FIPS 140-3 certification**

Top-tier security meets the needs of entities handling even the most sensitive data and



requiring high-security standards:

- Federal government
- NATO partners
- Financial institutions
- Cloud providers

Learn More

## AMD together we advance\_

1. Windows Security Guide, and Microsoft Security Signals, September 2021.

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