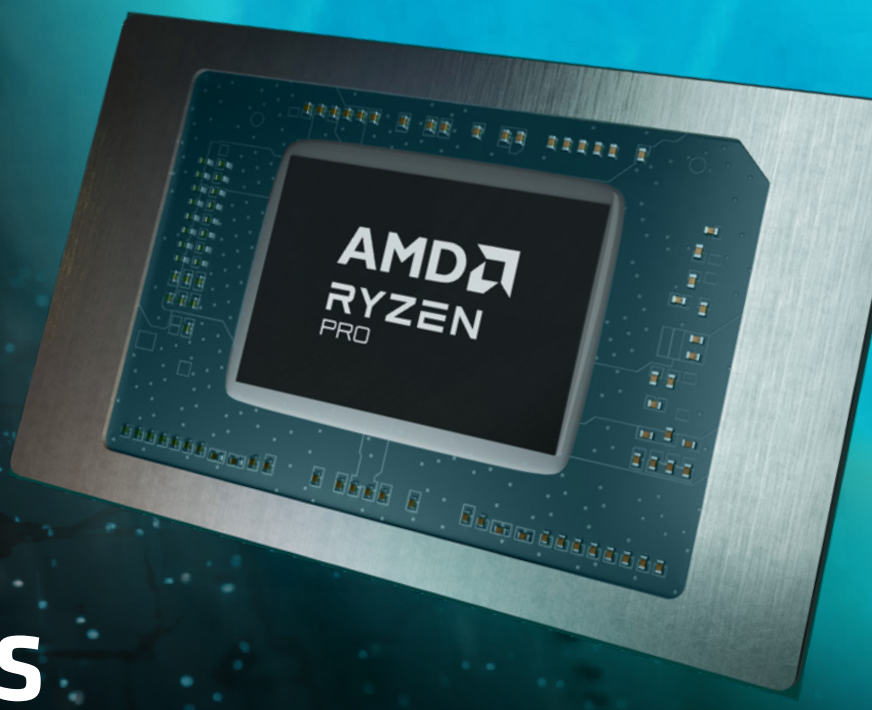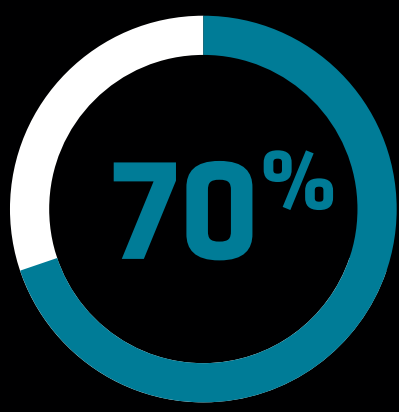**AMD RYZEN™ PRO 7000 SERIES PROCESSORS**

SECURITY ADVANCED FOR MODERN CYBER THREATS
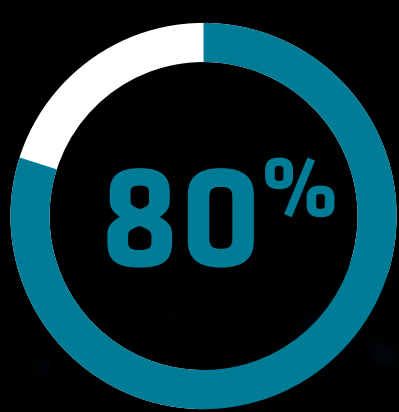
AMD Ryzen™ PRO 7000 Series processors are engineered with cutting-edge, multilayered security, extending protection from firmware to OS.

70%

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.[1]
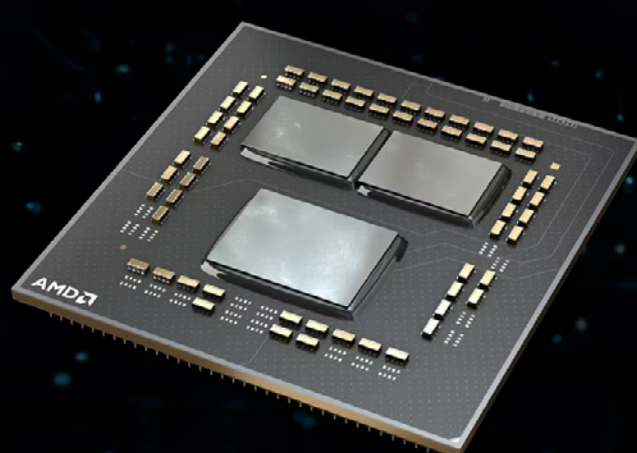
80%

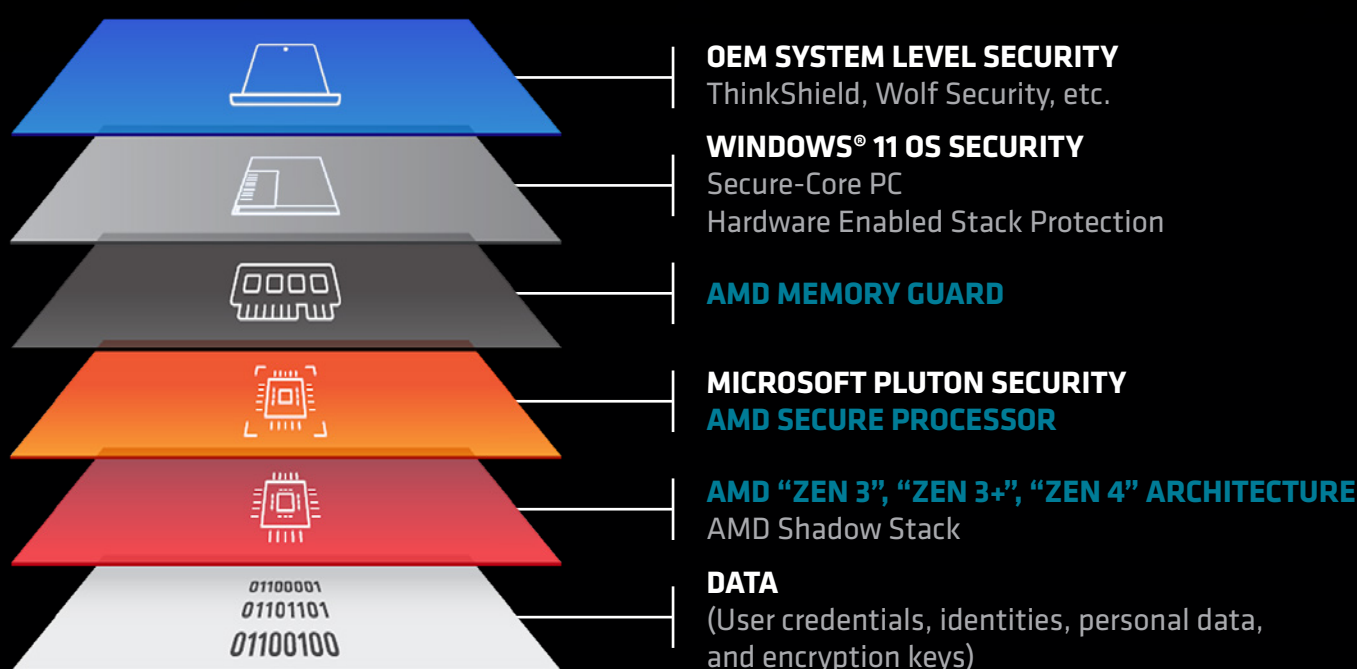### Hardware-integrated security is a necessity

80% of security decision-makers say software alone is insufficient against evolving threats.[1]

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

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

AMD addresses diverse attack vectors, including cold boot, DMA, and firmware threats, by integrating security at the hardware, software, and firmware levels.

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

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