AMD FOR BUSINESS
RYZEN™ PRO 5000 SERIES MOBILE PROCESSORS
AMD PRO TECHNOLOGIES

AMD PRO SECURITY
Layers of built-in security technology to help protect your sensitive data

AMD PRO MANAGEABILITY
For simplified deployment and management that is compatible with your current infrastructure

AMD PRO BUSINESS READY
18 months of planned software stability brings peace of mind
24 months of planned availability for a stable enterprise
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STRENGTHENING MULTILAYERED SECURITY

AMD PRO SECURITY

NEW SECURITY FEATURES FOR 2021

- **AMD SHADOW STACK**
  Hardware enabled protection against malware attacks

- **SECURED CORE PC**
  Deep integration with MSFT and OEMs to deliver secure Windows PCs

- **ENCRYPTION CERTIFICATION (FIPS)**
  Gold standard of encryption

Every AMD Ryzen PRO processor delivers the most modern security solution through a layered approach.

See endnotes CZP-22

FIPS 140-3 Implementation Under Test
AMD MEMORY GUARD

PCs in the market today are exposed to a data vulnerability via physical attacks.

Only PRO processors from AMD support full memory encryption* to help protect data at rest and in transit.

*See Endnotes: PP-3
AMD SHADOW STACK
HARDWARE PROTECTION FROM MALWARE ATTACKS

- AMD Shadow Stack delivers a robust security approach to add protection against control-flow attacks
- Checks normal program stack against a hardware-stored copy
- Enables Microsoft Hardware Enforced Stack Protection as part of a comprehensive set of AMD security features to help secure PCs
LAYERS OF SECURITY FEATURES FROM ECOSYSTEM PARTNERS

AMD works closely with Microsoft and OEMs to enable and complement their enterprise-level security features.