AMD
RYZEN
PRO

AMD RYZEN™ 5 PRO 7530U
COMPETIVE PERFORMANCE BATTLECARD VS INTEL 12TH AND 13TH GEN

PROVEN SPEED AND RESPONSIVENESS FOR MODERN COMMERCIAL LAPTOPS

Give your business the performance edge and the freedom to work from anywhere with thin and light business laptops powered by the AMD Ryzen™ 5 PRO 7530U processor. Fast and responsive multitasking with six high performance "Zen 3" CPU cores.
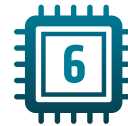
"Zen 3"
High frequencies, high instructions per clock, and lower latency

7nm
Advanced 7nm architecture for leading performance/battery life

6 Performance Cores
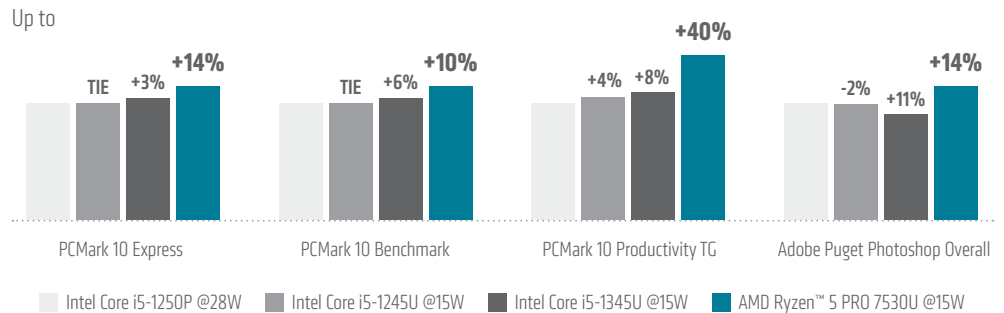High-performance 6-Core x86 CPU for business notebooks

DESIGNED FOR LEADERSHIP PERFORMANCE, POWER EFFICIENCY AND BATTERY LIFE

LEADERSHIP PERFORMANCE VS INTEL 12TH AND 13TH GEN

Faster Performance in Premium Business Laptops

- ✓ Superior "Zen 3" architecture
- ✓ 6 high performance cores
- ✓ "U Series" provides performance and power efficiency for T&L systems
- ✓ Competes against higher power "P Series"

PROCESSOR AND SYSTEM PERFORMANCE

Up to

PCMark 10 Express: TIE, +3%, +14%
PCMark 10 Benchmark: TIE, +6%, +10%
PCMark 10 Productivity TG: +4%, +8%, +40%
Adobe Puget Photoshop Overall: -2%, +11%, +14%

Legend:
- Intel Core i5-1250P @28W
- Intel Core i5-1245U @15W
- Intel Core i5-1345U @15W
- AMD Ryzen™ 5 PRO 7530U @15W

See endnote: BCLRP-11

BEST-IN-CLASS BATTERY LIFE AND POWER EFFICIENCY

Up to
13%
LONGER BATTERY LIFE FOR MICROSOFT TEAMS CONFERENCING

When compared to the Dell Latitude 5440 with Intel core i5-1345U processor

Up to
24%
LONGER BATTERY LIFE FOR MICROSOFT TEAMS CONFERENCING

When compared to the Dell Latitude 5440 with Intel core i5-1350P processor

DESIGNED FOR POWER EFFICIENCY
When running typical office productivity applications users can expect to consume:

Up to
19% LESS POWER
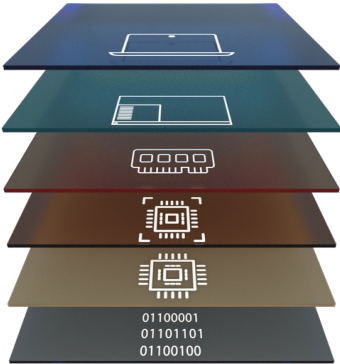When compared to Dell Latitude 5440 w/ Intel core i5-1345U

Up to
54% LESS POWER
When compared to Dell Latitude 5440 w/ Intel core i5-1350P

See endnote: BCLRP-09, BCLRP-10

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MODERN MULTILAYERED SECURITY FEATURES

Every AMD Ryzen™ PRO processor is equipped with AMD PRO technologies to offer multilayered security features that help protect data and devices, plus enterprise-class solutions for manageability, reliability, and longevity.

- OEM SECURITY FEATURES
- WINDOWS® 11 SECURITY
  Secured-Core PC
  Hardware Enforced Stack Protection
- AMD MEMORY GUARD
- AMD SECURE PROCESSOR
  FIPS 140-3 Level 1 and Level 2* Certification
- AMD "ZEN 3" ARCHITECTURE
  AMD Shadow Stack
- YOUR DATA

See endnote: GD-206, GD-72

* FIPS 140-3 implementation under test

Available in AMD Ryzen™ PRO 7030 Series

AMD Shadow Stack

Delivers a robust security approach to help add protection against control-flow attacks.

FIPS 140-3 Certification

Government encryption standard adopted by private sector as best practice for validating the security of cryptographic module.
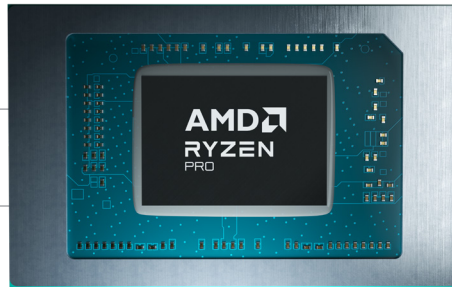
Secured-core PC

Deep integration with Microsoft and OEMs to support Windows PCs.

DESIGNED FOR PROFESSIONALS

"Zen 3" architecture delivers high frequencies, high instructions per clock, and lower latency

An incredible high-performance 6-core x86 CPU for Ultrathin Business Notebooks

Advanced 7nm process technology delivers leadership performance and battery life

AMD PRO technologies:
- ✓ AMD PRO security
- ✓ AMD PRO manageability
- ✓ AMD PRO business ready

AMD RYZEN™ PRO 7030 SERIES PROCESSORS VS COMPETITION COMPARISON

AMD RYZEN™ PRO	PERFORMANCE CORES	PROCESS	L2 + L3 CACHE	TDP	AMD PRO TECHNOLOGIES
Ryzen™ 7 PRO 7730U	8	7nm	20 MB	15W	✓
Ryzen™ 5 PRO 7530U	6	7nm	19 MB	15W	✓
Ryzen™ 3 PRO 7330U	4	7nm	10 MB	15W	✓

INTEL CORE	PERFORMANCE / EFFICIENCY CORES	PROCESS	CACHE	TDP	vPro
i7-1265U	2/8	10nm	12 MB	15W	✓
i5-1245U	2/8	10nm	12 MB	15W	✓
i3-1215U	2/4	10nm	10 MB	15W	

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1. Testing as of 10/27/23 by AMD internal performance lab. System configuration for intel core i5-1250P: Dell Latitude 5431, 16GB RAM, 1TB NVMe SSD, intel integrated graphics, Windows 11 Pro. System configuration for Intel Core i5 1245U: Dell Latitude 5430, 16GB RAM, 512GB NVMe SSD, intel integrated graphics, Windows 11 Pro using the following tests: PCMark 10 Express, PCMark 10 Benchmark, PCMark 10 Productivity Test Group, Puget Adobe Photo Shop. Testing as of 10/27/23 by BOXX Technologies, commissioned by AMD, utilizing HP EliteBook 645 G10 with AMD Ryzen 5 PRO 7530U processor, Integrated AMD Radeon Graphics, 64GB RAM, 1TB NVMe SSD and Windows 11 Pro. Dell Latitude 5440 with Intel Core i5 1345U processor, Intel Integrated graphics, 16GB RAM, 512GB NVMe SSD and Windows 11 Pro using the following tests: PCMark 10 Express, PCMark 10 Benchmark, PCMark 10 Productivity Test Group, Puget Adobe Photo Shop. PC manufacturers may vary configurations yielding different results. Results may vary. **BCLRP-11**
2. AMD defines the class of processors as the Ryzen™ 5 7530U, Intel Core i5-1345U, and the Intel Core i5-1350P processors. Based on internal testing by AMD as of 10/24/23. Battery life results evaluated by operation of a nine-participant Microsoft Teams video conference on battery. System configuration for AMD/Intel systems run from power level 100% > 5% @150nits brightness and power mode set to "power efficiency." System configuration for Ryzen™ 5 PRO 7530U: Lenovo ThinkPad L14 Gen 4, AMD Radeon Graphics, 16GB RAM, 256GB NVMe SSD, Windows 11 Pro and 46Wh battery. System config for Intel core i5 1345U, Dell Latitude 5440, 16GB RAM and 512GB NVMe SSD, Intel integrated Graphics, Windows 11 Pro and 54 Wh battery. System config for Intel core i5 1350P, Dell Latitude 5440, 16GB RAM and 256GB NVMe SSD, Intel integrated Graphics, Windows 11 Pro and 54 Wh battery. Battery life will vary based on a variety of factors. **BCLRP-09**
3. AMD defines the class of processors as the Ryzen™ 5 7530U, Intel Core i5-1345U, and the Intel Core i5-1350P processors. Testing as of 10/24/23 by AMD internal performance lab. System configuration for Ryzen™ 5 PRO 7530U: Lenovo ThinkPad L14 Gen 4, AMD Radeon Graphics, 16GB RAM, 256GB NVMe SSD, Windows 11 Pro running in Power Efficiency mode. System config for Intel core i5 1345U, Dell Latitude 5440, 16GB RAM and 512GB NVMe SSD, Intel integrated Graphics, Windows 11 Pro running in power efficiency mode. System config for Intel core i5 1350P, Dell Latitude 5440, 16GB RAM and 256GB NVMe SSD, Intel integrated Graphics, Windows 11 Pro running in Power Efficiency mode using the following tests: Microsoft Teams + Procyon Wall power consumed (watts). Each Microsoft Teams call consists of 9 participants (3X3) while running the UL Procyon benchmark. Laptop manufactures may vary configurations yielding different results. **BCLRP-10**
4. 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**
5. Microsoft Pluton is a technology owned by Microsoft and licensed to AMD. Microsoft Pluton is a registered trademark of Microsoft Corporation in the United States and/or other countries. Learn more at https://www.microsoft.com/security/blog/2020/11/17/meet-the-microsoft-pluton-processor-the-security-chip-designed-for-the-future-of-windows-pcs/. Microsoft Pluton security processor requires OEM enablement. Check with the OEM before purchase. AMD has not verified the third-party claim. **GD-202**
6. The AMD Secure Processor is a dedicated on-chip security processor integrated within each system-on-a-chip (SoC) and ASIC (Application Specific Integrated Circuit) designed by AMD. It enables secure boot with root of trust anchored in hardware, initializes the SoC through a secure boot flow, and establishes an isolated Trusted Execution Environment. **GD-72**

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