



# Intel vPro<sup>®</sup> with 13th Gen Intel<sup>®</sup> Core<sup>™</sup> Processors

Press and Industry Analyst Pre-Brief  
March 7<sup>th</sup> 2023

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# Intel vPro® is the business computing foundation of choice

Intel vPro has the **most comprehensive security** for your business<sup>1</sup>, reducing the attack surface significantly vs. 4 year old devices<sup>2</sup>

Refreshing to the latest hardware is **no longer a luxury**, it's becoming a necessity

13th Gen Intel® Core™ processors were **designed to optimize the way your business** computes

Intel vPro brings nearly **2 decades of commercial** expertise to deliver the best computing foundation for ANY business



# New on Intel vPro

Professional Grade PCs Built for the Rigors of Modern Business



## The Most Comprehensive Security

**NEW** ~70% attack surface reduction vs 4-year-old devices<sup>1</sup>

**NEW** security vendors enabled with Intel® Threat Detection Technology

**NEW** virtualization-based security enabled in Windows



## Best Hardware for Refresh

**NEW** testing on IT configurations for a smooth transition to Windows 11

**NEW** productivity, security and experience benefits vs 3-year-old devices

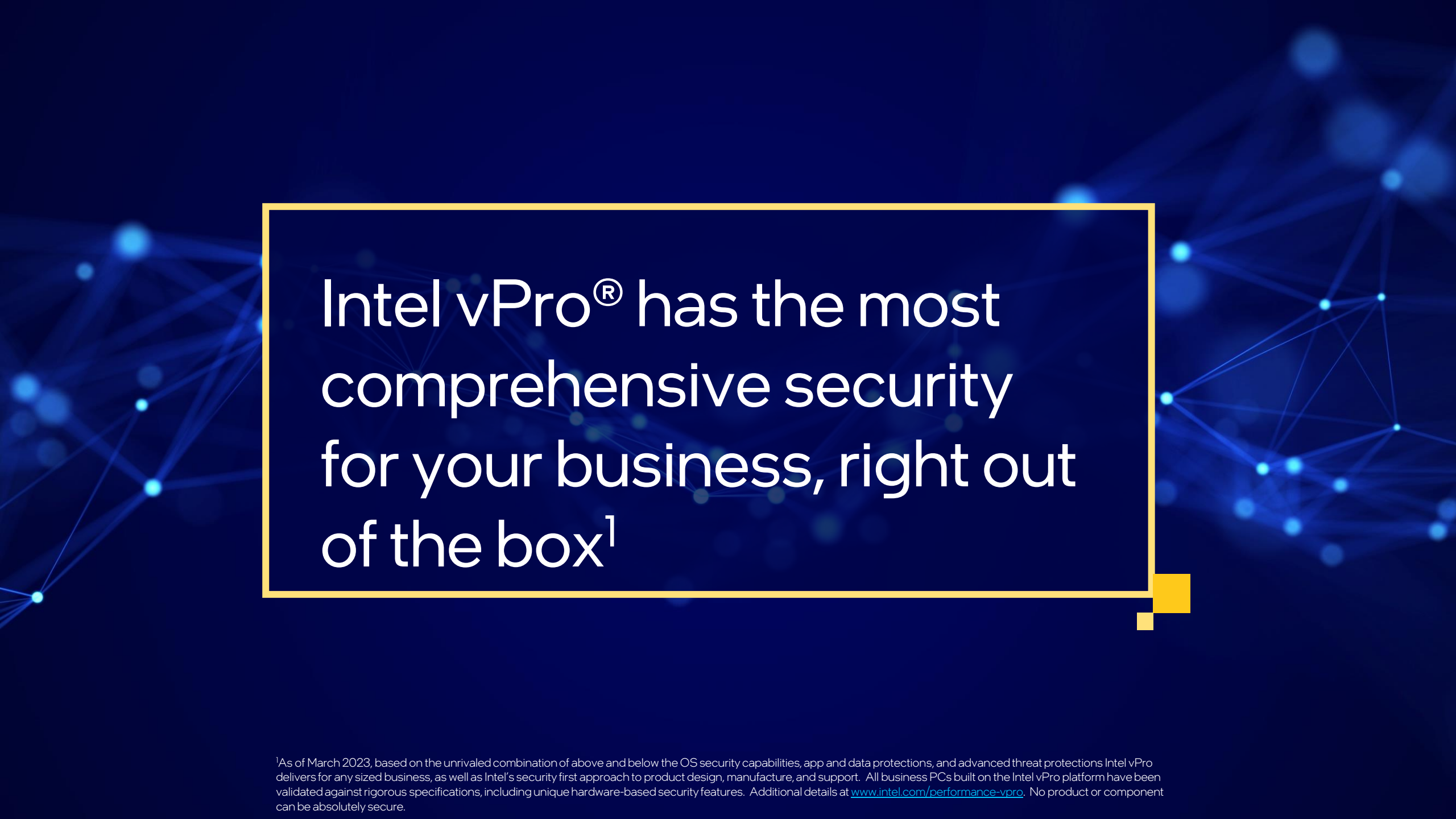


## Equipped to Do it All

**NEW** Over 2x better productivity vs 3-year-old PCs, +40% vs competition<sup>2</sup>

**NEW** higher core counts for more complex workloads

<sup>1</sup>Based on IOActive's "Intel vPro 13th Gen Attack Surface Study" published March 2023 (commissioned by Intel), which evaluates Intel vPro devices powered by 13th Gen Intel Core processors against four-year-old Intel-based PCs. Additional details at [www.intel.com/performance-vpro](https://www.intel.com/performance-vpro). <sup>2</sup> When comparing i7-1370P vs AMD Ryzen 7 6850U using SYSmark 30. For all workload and configuration details, see [www.intel.com/PerformanceIndex](https://www.intel.com/PerformanceIndex). Results may vary.



Intel vPro<sup>®</sup> has the most  
comprehensive security  
for your business, right out  
of the box<sup>1</sup>

<sup>1</sup>As of March 2023, based on the unrivaled combination of above and below the OS security capabilities, app and data protections, and advanced threat protections Intel vPro delivers for any sized business, as well as Intel's security first approach to product design, manufacture, and support. All business PCs built on the Intel vPro platform have been validated against rigorous specifications, including unique hardware-based security features. Additional details at [www.intel.com/performance-vpro](https://www.intel.com/performance-vpro). No product or component can be absolutely secure.



# Most comprehensive security for your business - right out of the box

## FEATURES

**+93%**

efficacy detecting top Ransomware attacks<sup>1</sup>

**+24%**

better than software alone<sup>1</sup>

**Out of box**

silicon-based virtualization security unleashed on Windows 11.

## IMPACT

**↓ 26%**

major security breaches<sup>2</sup>

**+17%**

security team efficiencies<sup>2</sup>

**↓ 21%**

fewer impactful security events<sup>2</sup>

**~70%**

attack surface reduction vs 4-year-old devices<sup>3</sup>

<sup>1</sup>Based on SE Labs Enterprise Advanced Security (Ransomware) – Intel Threat Detection Technology study published March 2023 (commissioned by Intel), which compared ransomware detection capabilities of Intel vPro system powered by Intel Core against systems powered by AMD Ryzen Pro processors and provides analysis of Intel TDT's response to simulated novel cyberattacks.

<sup>2</sup>Based on IDC's "The Business Value of Intel Security for PCs" report published March 2023 (commissioned by Intel), which cites greater reported efficiencies around security-related implementations and responses with Intel-based PCs versus other PCs. <sup>3</sup>Based on IOActive's "Intel vPro 13th Gen Attack Surface Study" published March 2023 (commissioned by Intel), which evaluates Intel vPro devices powered by 13th Gen Intel Core processors against four-year-old Intel-based PCs. Additional details at [www.intel.com/performance-vpro](https://www.intel.com/performance-vpro).



Content Under Embargo Until **March 23<sup>rd</sup> 2023, 9am PT**





# Detect the Latest Threats at the Highest Efficacy – ONLY on Intel

Intel vPro® is the **only business platform** with built-in hardware security to detect ransomware and software supply chain attacks<sup>1</sup>

Acronis



Microsoft Defender  
for Endpoint



SEQUIRETEK  
SIMPLIFY SECURITY



Fidelis  
Cybersecurity



Kingsoft

Intel TDT provides up to **7X** boost in scanning performance<sup>2</sup>

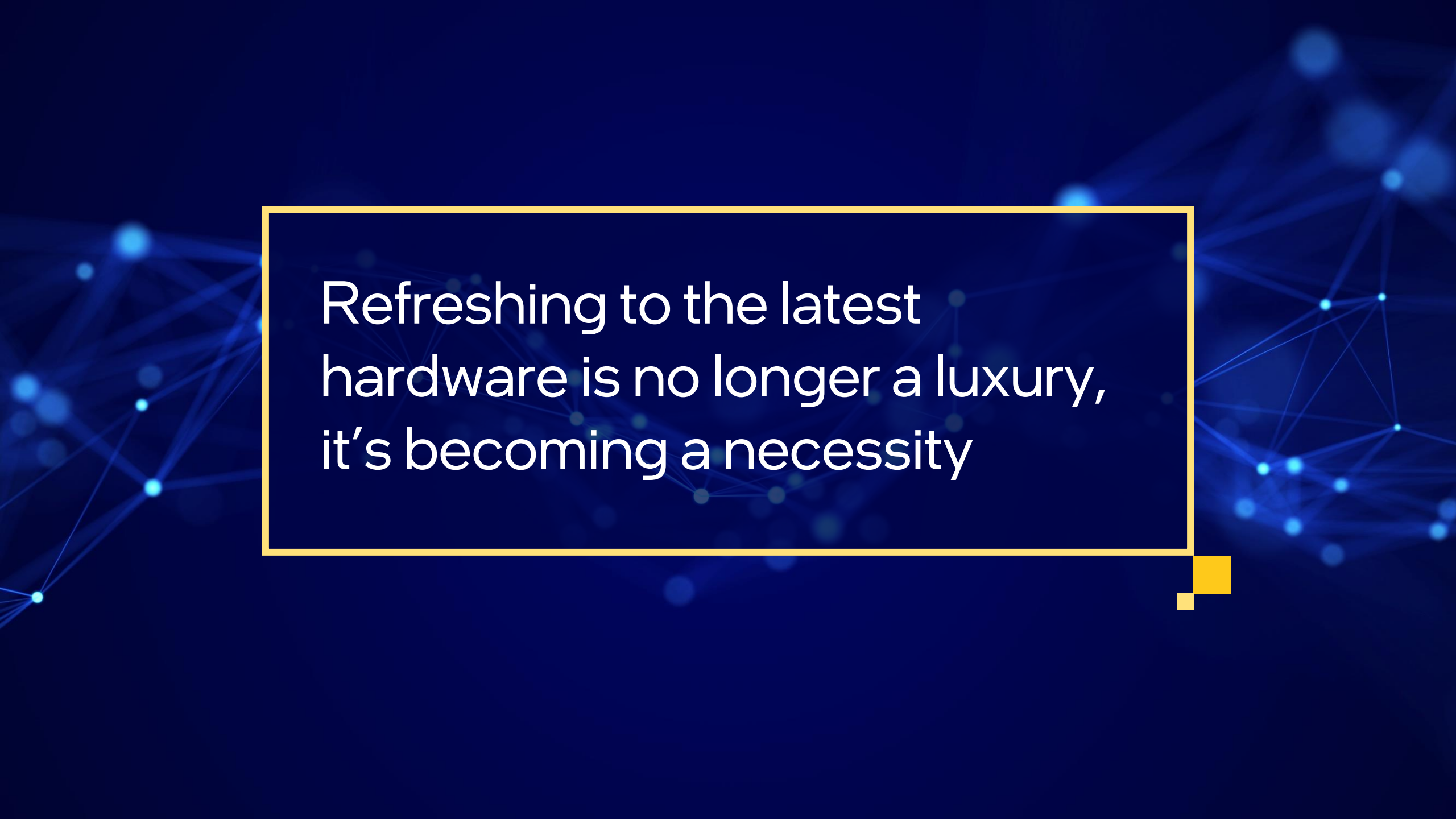
<sup>1</sup>The Intel vPro platform delivers the first and only silicon-enabled AI threat detection for Windows-based systems. Additional details at [www.intel.com/performance-vpro](https://www.intel.com/performance-vpro)

<sup>2</sup>Based on offload memory scanning to the integrated GPU via Intel TDT API, which results in a 3-7x acceleration over CPU scanning methods as described in [CrowdStrike blog](https://crowdstrike.com/blog). See [www.intel.com/performance-vpro](https://www.intel.com/performance-vpro) for additional details.


# Intel vPro Provides Modern Manageability from Anywhere



**“We’re using Intel AMT [Active Management Technology] to check security with service packs, in antivirus and other software. We collect and analyze the information from AMT so we can improve our security risk awareness” – IT Manager, government**



Refreshing to the latest  
hardware is no longer a luxury,  
it's becoming a necessity





# PC Refresh is no longer a Luxury, it's the Smart Choice

Comparison versus 10th Gen Intel® Core™ Processors



## PRODUCTIVITY



## SECURITY



## EXPERIENCES

### Challenges with 3-year-old PCs

**Lower performance** for modern workloads, a less productive workforce

**Reduced set** of hardware-based prevention capabilities, increasing the overall attack surface

**Not optimized** for modern business computing with the latest performance technology



### Advantages of new Intel vPro® systems

- ✓ **Hybrid architecture**
- ✓ **New process technology and more cores**

- ✓ **New hardware-based AI threat detection capabilities<sup>1</sup>**
- ✓ **~70% attack surface reduction<sup>2</sup>**

- ✓ **Intel® Wi-Fi 6E (Gig+)**
- ✓ **Thunderbolt™ 4**
- ✓ **Intel vPro® available in Intel® Evo™ designs**
- ✓ **Intelligent collaboration**

<sup>1</sup>Intel TDT provides the only silicon-enabled AI threat detection to help stop ransomware and cryptojacking attacks for Windows-based systems.

<sup>2</sup>Based on IOActive's "Intel vPro 13th Gen Attack Surface Study" published March 2023 (commissioned by Intel), which evaluates Intel vPro devices powered by 13th Gen Intel Core processors against four-year-old Intel-based PCs. Additional details at [www.intel.com/performanceindex](https://www.intel.com/performanceindex).

# Ready for Refresh with Intel

**~14% lower**

5-year cost of operations per PC<sup>1</sup>

**~22% lower**

cost of lost productivity, PC security and performance issues<sup>1</sup>


**~15% lower**

to deliver new PCs<sup>1</sup>


Along with the ease and reliability with **20 years** of Intel® Stable IT Platform Program (SIPP) refresh on eligible Intel vPro platforms

<sup>1</sup>Based on IDC's "The Business Value of Intel Security for PCs" report published March 2023 (commissioned by Intel), which cites a lower reported risk of significant financial impact events occurring through an Intel-based PC compared with other PCs. Additional details at [www.intel.com/performanceindex](https://www.intel.com/performanceindex)





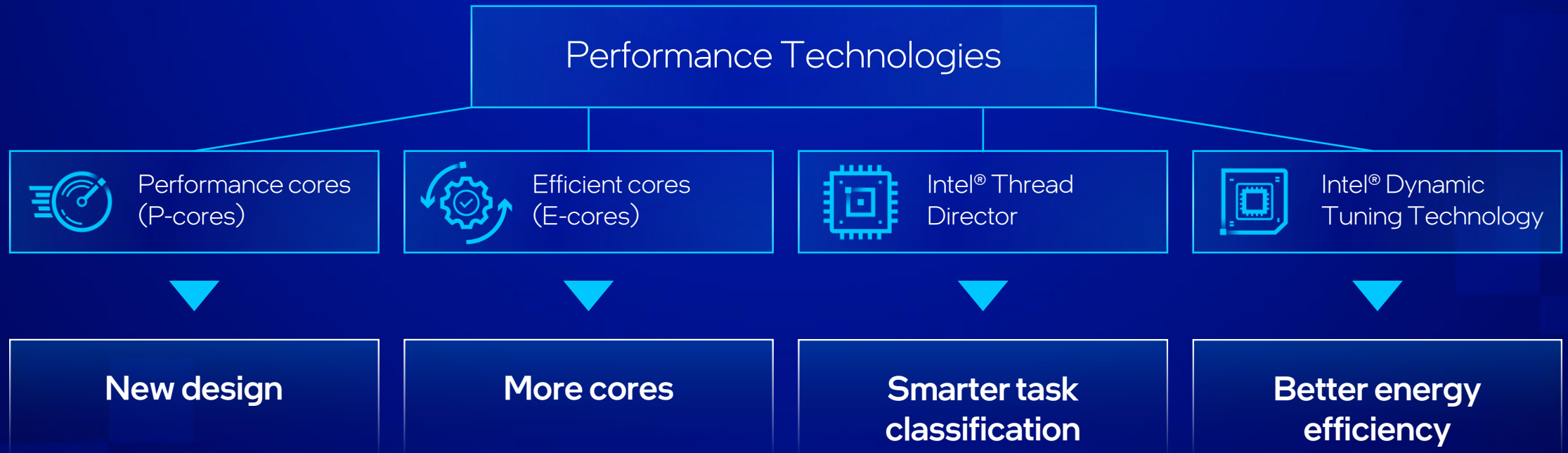
13th Gen Intel® Core™  
processors were designed  
to optimize the way your  
business computes





# Enabling Modern Business Computing

Newly-Enhanced Performance Technologies



**Designed for how people work today and  
the complex workloads of tomorrow**

## Intel® Core™ i9-13900

Top Bin Desktop 65 W Processor



Gen-over-Gen  
comparison

Compared vs.  
prior generation  
Intel Core i9-12900

**7% faster** on SYSmark 30

**15% faster** on UL Procyon

## Intel® Core™ i7-1370P

Top Bin Mobile 28 W Processor



Gen-over-Gen  
comparison

Compared vs.  
prior generation  
Intel Core i7-1280P

**11% faster** on SYSmark 30

**12% faster** on UL Procyon

Delivering better business application performance vs. prior generation



Using Benchmarks Based on Real Business Applications and Use Cases  
Content Under Embargo Until March 23<sup>rd</sup> 2023, 9am PT

For all workload and configuration details, see [www.intel.com/Performanceindex](https://www.intel.com/Performanceindex). Results may vary. Other names and brands may be claimed as the property of others.

## Intel® Core™ i9-13900

Top Bin Desktop 65 W Processor



### Gen-over-Gen comparison

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Delivering better business application performance vs. prior generation

### Refresh comparison

Compared vs.  
3-yr old desktop  
Intel Core i9-10900

**65% faster** on SYSmark 30

**51% faster** on UL Procyon

### Refresh Comparison

Compared vs.  
3-yr old notebook  
Intel Core i7-10610U

**2.3x faster** on SYSmark 30

**59% faster** on UL Procyon

Delivering superior business application performance vs. 3-yr old PCs



Using Benchmarks Based on Real Business Applications and Use Cases  
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**2.3x faster** on SYSmark 30

**59% faster** on UL Procyon

Delivering superior business application performance vs. 3-yr old PCs

### Desktop Competitive Comparison

Intel Core i9-13900 vs AMD Ryzen 9 7900

**12% faster** on SYSmark 30

### Mobile Competitive Comparison

Intel Core i7-1370P vs AMD Ryzen 7 6850U

**40% faster** on SYSmark 30

### Mobile Competitive Comparison

Intel Core i7-1370P vs Apple M2

**25% faster** on CrossMark

Delivering better business application performance vs. competition



Using Benchmarks Based on Real Business Applications and Use Cases  
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# Real-World Computing

Data Analyst Collaboration Workflow

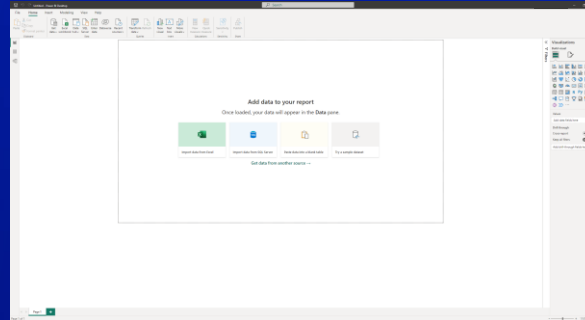
Intel® Core™ i7-1370P  
Top Bin 28 W Mobile Processor



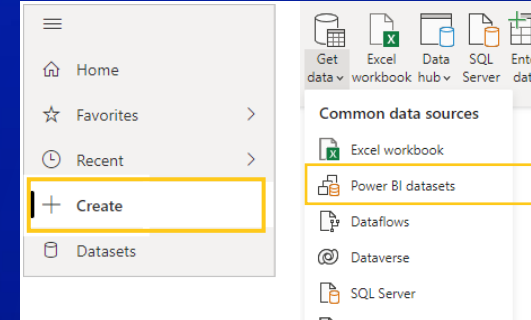
Initiate Microsoft Teams  
collaboration session



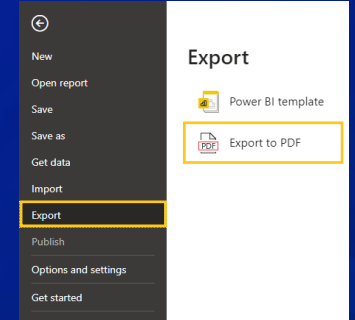
Timed operations



While presenting,  
open Power BI report



Remove a region  
and re-render report



Export report  
to PDF

**58% faster**

vs. current AMD notebook (Ryzen 7 6850U)

**2.8x faster**

vs. 3-year old Intel Core notebook (i7-10610U)



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# Real-World Computing

Content Creator Multitasking Workflow

Intel® Core™ i9-13900  
Top Bin 65 W Desktop Processor



Pr



**Background Timed Task**  
Video render and export

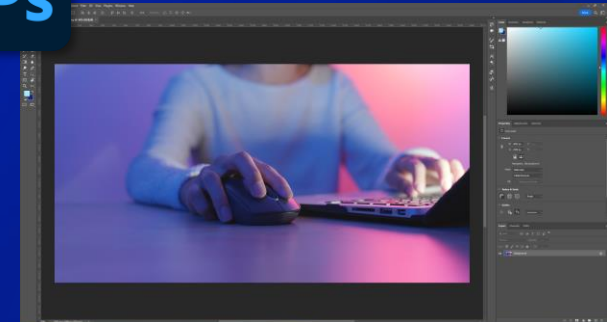
+



**Foreground Task**  
Teams call with noise suppression  
and background blur

+

Ps



**Foreground Timed Tasks**  
Photo resizing, noise reduction,  
and apply blur filters

**45% faster**

vs. current AMD desktop (Ryzen 9 7900)

**2.3x faster**

vs. 3-year old Intel Core desktop (i9-10900)

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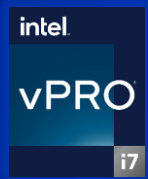
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Intel vPro<sup>®</sup> brings nearly 2  
decades of commercial expertise  
to deliver the best computing  
foundation for your business





# The Broadest Ecosystem to Deliver the Best Commercial Computing Solutions



## Comprehensive Security



## Elevate your Impact



## Take Control of Today



# In-Market Portfolio

Commercial Devices for 2023 Buying Cycle



**DELL** Technologies

**SAMSUNG**



**Panasonic**

**acer**

**FUJITSU**

**ASUS**

**Lenovo**



Notebooks



Desktops



Entry workstations

Over 170 Intel vPro® devices with 13th Gen Intel® Core™ processors launching in 2023, ensuring a professional grade device for every type of business user



# News Summary

Intel vPro® Platform, powered by 13th Gen Intel® Core™ processors

Intel vPro has the **most comprehensive security** for your business<sup>1</sup>, reducing the attack surface significantly vs. 4 year old devices<sup>2</sup>

Refreshing to the latest hardware is **no longer a luxury**, it's becoming a necessity

13th Gen Intel® Core™ processors were **designed to optimize the way your business** computes, up to 40% faster than comp<sup>3</sup>

Intel vPro brings nearly **2 decades of commercial** expertise to deliver the best computing foundation for ANY business



<sup>1</sup>As of March 2023, based on the unrivaled combination of above and below the OS security capabilities, app and data protections, and advanced threat protections Intel vPro delivers for any sized business, as well as Intel's security first approach to product design, manufacture, and support. All business PCs built on the Intel vPro platform have been validated against rigorous specifications, including unique hardware-based security features. <sup>2</sup>Based on IOActive's "Intel vPro 13<sup>th</sup> Gen Attack Surface Study" published March 2023 (commissioned by Intel), which evaluates Intel vPro devices powered by 13<sup>th</sup> Gen Intel Core processors against four-year-old Intel-based PCs. <sup>3</sup>For all workload and configuration details, see [www.intel.com/PerformanceIndex](https://www.intel.com/PerformanceIndex). Results may vary. Other names and brands may be claimed as the property of others.

# Notices and Disclaimers

- All versions of the Intel vPro® platform require an eligible Intel® processor, a supported operating system, Intel LAN and/or WLAN silicon, firmware enhancements, and other hardware and software necessary to deliver the manageability use cases, security features, system performance and stability that define the platform. See [intel.com/performance-vpro](https://intel.com/performance-vpro) for details.
- Performance hybrid architecture combines two new core microarchitectures, Performance-cores (P-cores) and Efficient-cores (E-cores), on a single processor die first introduced on 12th Gen Intel Core processors. Select 13th Gen Intel® Core™ processors do not have performance hybrid architecture, only P-cores, and have the same cache size as prior generation; see [ark.intel.com](https://ark.intel.com) for sku details.
- Built into the hardware, Intel® Thread Director is provided only in performance hybrid architecture configurations of 12th Gen or newer Intel® Core™ processors; OS enablement is required. Available features and functionality vary by OS.
- Intel does not control or audit third-party data. You should consult other sources to evaluate accuracy.
- Performance varies by use, configuration, and other factors. Learn more at [intel.com/performance](https://intel.com/performance).
- Intel technologies may require enabled hardware, software, or service activation.
- Additional details at [www.intel.com/performanceindex](https://www.intel.com/performanceindex). No product or component can be absolutely secure.
- Your costs and results may vary.
- © Intel Corporation. Intel, the Intel logo, and other Intel marks are trademarks of Intel Corporation or its subsidiaries. Other names and brands may be claimed as the property of others.

# Thank You



The Intel logo is centered on a dark blue background. It features the word "intel" in a white, lowercase, sans-serif font. A small, light blue square is positioned above the letter "i". To the right of the word "intel" is a registered trademark symbol (®).

intel®



# Benchmarks and Workflows

**SYSmark 30 (v 1.0.0.19)** is a benchmark from the BAPCo\* consortium that measures the performance of Windows\* platforms. SYSmark\* 25 tests three usage scenarios: Productivity, Creativity and Responsiveness. SYSmark\* contains real applications from Independent Software Vendors such as Microsoft\* and Adobe\*.

**CrossMark (v 1.0.1.88 Pro)** is a benchmark from the BAPCo\* consortium that measures the performance across Windows, iOS or macOS platforms. CrossMark uses a combination of open source and proprietary workloads to assess system performance scores in the areas of Productivity, Creativity and Responsiveness.

**UL Procyon Office Productivity (v 2.1.544.64)** is a benchmark from UL that uses Microsoft Office apps to measure PC performance for office productivity work. The benchmark workloads feature relevant, real-world tasks using Microsoft Word, Excel, PowerPoint and Outlook. Office 365 Version 2209 Build 15629.20020.

**The Data Analyst Collaboration Workflow** is a custom timed test using Microsoft Teams (v 22308.1003.1743.8209) and Microsoft Power BI (v 2.112.603.0). While presenting in a 1x1 Microsoft Teams call, this test measures the total time it takes to perform the following operations: load a Power BI report, re-render after doing a slice, save the report as PDF.

**The Content Creator Multitasking Workflow** is a custom timed test using Microsoft Teams (v 22308.1003.1743.8209), Adobe Photoshop (v 24.0.0) and Adobe Premiere Pro (v. 23.0.0). While presenting on a Microsoft Teams call: video export using Adobe Premiere Pro is initiated as a foreground task and later moved to background and timed. Filters are applied on a raw image using Adobe Photoshop as a foreground task and timed. The geo mean of the performance ratios of the two operations was calculated and becomes the ratio for the overall workload.

# Test Configurations: Desktop

## FOR COMPARISONS WITH 65 W DESKTOP PROCESSORS

	PROCESSOR	CORES and FREQ	SYSTEM AND BIOS	MEMORY	STORAGE	DISPLAY RES	OS
INTEL CURRENT GEN	i9-13900	8P + 16E (32T) 5.2 GHz Turbo	Intel RVP with BIOS 3361.A06	2 x 16 GB G. Skill DDR5-5600 MHz @28-34-34-89	Samsung 980 Pro 1 TB SSD	1920 x 1080	Windows 11 22H2  Power scheme: High Performance  VBS and Defender enabled
INTEL Gen On Gen Compare	i9-12900	8P + 8E (24T) 5.1 GHz Turbo	Asus Prime Z690-A Motherboard with BIOS v.2103	2 x 16 GB G. Skill DDR5-4800 MHz @28-34-34-89			
INTEL Refresh Compare	i9-10900	10 cores (20T) 5.2 GHz Turbo	Asus Prime Z390-A Motherboard with BIOS v.2601	2x16 GB G. Skill DDR4-2933 14-14-14-34			
COMP CURRENT GEN	AMD Ryzen 9 7900	12 cores (24T) 5.4 GHz max	Asus Crosshair X670E Hero with BIOS v.805	2 x 16 GB G. Skill DDR5-5200 MHz @28-34-34-89			

## FOR GEN-on-GEN 65W DESKTOP COMPARISON USING SYSmark 30


	PROCESSOR	CORES and FREQ	SYSTEM AND BIOS	MEMORY	STORAGE	DISPLAY RES	OS
INTEL CURRENT GEN	i9-13900	8P + 16E (32T) 5.2 GHz Turbo	Intel RVP with BIOS .712	2 x 16 GB DDR5- 5200 MHz	Samsung PM9A1 500 GB SSD	1920 x 1080	Windows 11 22H2  Power scheme: High Performance  VBS and Defender enabled
INTEL Gen On Gen Compare	i9-12900	8P + 8E (24T) 5.1 GHz Turbo	Intel RVP with BIOS .640	2 x 16 GB DDR5- 4800 MHz			

# Test Configurations: Mobile


FOR MOBILE PROCESSOR COMPARISONS							
	PROCESSOR	CORES and FREQ	SYSTEM AND BIOS	MEMORY	STORAGE	DISPLAY RES	OS
INTEL CURRENT GEN	i7-1370P	6P + 8E (20T ) 5.2 GHz Turbo Max	Intel RVP with 3361.A14	2 x 16 GB LPDDR5-6000 MHz	Samsung 512 GB SSD (MZVL2512HCJQ-00A00)	1920 x 1280	Windows 11 22H2 (22621_608)  Power plan: Balanced  Power mode: Best Performance  VBS, Defender and Tamper Protection enabled
INTEL N-1 GEN	i7-1280P	6P + 8E (20T ) 4.8 GHz Turbo Max	Intel RVP with 3385.A00	2 x 16 GB LPDDR5-5200 MHz			
INTEL N-3 GEN	i7-10610U	4 cores (8T) 4.9 GHz Turbo Max	Lenovo ThinkPad X13 Gen 1 with N2YET35W 1.24	2 x 8 GB DDR RAM 2667 MHz (soldered)	Samsung 980 Pro 1 TB SSD		
COMP CURRENT GEN	AMD Ryzen 7 6850U	8 cores (16T) 4.7 GHz max	HP EliteBook 845 G9 with HP U82 v 01.01.07	2 x 16 GB DDR5 4800 MHz	Samsung 512 GB SSD (MZVLQ512HBLU)	2560 x 1600	Mac OS 13.1  "Low Power Mode" = "Never"
	Apple M2	4 big cores + 4 small cores (8T )	MacBook Pro Model A2338	16 GB LPDDR5	Apple 512 GB SSD		

# Claims Appendix



	Claim # & Statement	Slide # & Title/Details
	 <p>Intel vPro® is the business computing foundation of choice</p> <ul style="list-style-type: none"> <li>Intel vPro has the most comprehensive security for your business, reducing the attack surface significantly vs. 4 year old devices<sup>1</sup></li> <li>Refreshing to the latest hardware is no longer a luxury, it's becoming a necessity</li> <li>13th Gen Intel® Core™ processors were designed to optimize the way your business computes</li> <li>Intel vPro brings nearly 2 decades of commercial expertise to deliver the best computing foundation for ANY business</li> </ul> <p>intel Content Under Embargo Until March 23<sup>rd</sup> 2023, 9am PT</p>	Intel vPro is the Business Computing Foundation of Choice
1	Intel vPro has the most comprehensive security for your business	<p>Intel brings multiple vectors of security to the Intel vPro security value proposition with unique offerings tailored for your business, well beyond features only and unlike any other commercial client platform. This includes Intel's <a href="#">security assurance programs</a> : security by design principles, transparency and disclosure of vulnerabilities and a robust Intel Platform Update process, an esteemed bug bounty program as well as internal research through red teams and more. Read more on the results of this program for 2022 <a href="#">here</a>. Beyond this, Intel evolves security capabilities on each platform and brings new innovation and updates to existing features. Learn more at <a href="http://www.intel.com/security">www.intel.com/security</a>.</p> <p>Intel has the first and only hardware-based threat detection of its kind that works to augment security software for high efficacy detection of the latest ransomware, cryptojacking, supply chain style attacks and even zero-day attacks. Intel works with the largest eco-system to enable silicon security features as part of a defense-in-depth strategy. This includes additional scale partners for Intel® TDT capabilities and out-of-the-box feature enablement for OS updates. Furthermore, Intel and Coalfire experts have <a href="#">completed an analysis</a> of hardware security capabilities available on vPro systems against industry security controls (NIST, MITRE, TCG) with 47 built-in MITRE ATT&amp;CK countermeasures. The Intel vPro security promise brings together a comprehensive set of security programs, processes, partners and out-of-the-box enablement as well as new capabilities - all through the broadest, open ecosystem to give any business the breadth of choice and compatibility it needs. Visit <a href="http://www.intel.com/vPro">www.intel.com/vPro</a> to learn more about these capabilities. No product or component can be absolutely secure.</p>
2	Reducing the attack surface significantly vs. 4 year old devices	<p>The latest Intel vPro® platform has an approximately 70% smaller attack surface compared to four-year-old devices, as measured by IOActive's March 2023 report (commissioned by Intel) analyzing respective attack surfaces of Intel vPro devices powered by 13th Gen Intel Core processors and four-year-old Intel-based PCs on Windows OS. Attack surface refers to the sum of system functionality potentially susceptible to vulnerabilities, pathways or methods—sometimes called attack vectors—that hackers can use to gain unauthorized access to the network or sensitive data, or to carry out a cyberattack.</p> <p>To measure the security improvements from the hardware features, IOActive utilized a metric called Potentially Addressable Mitigation Surface (PAMS). PAMS measures the reduction of the attack surface by the hardware mitigations based on their full deployment and theoretical effectiveness. Research was completed using publicly available documentation. The estimated attack surface of the latest Intel vPro platforms powered by 13<sup>th</sup> Gen Intel Core processors is approximately 70% smaller than vs four-year-old Intel vPro platforms. Visit <a href="http://www.intel.com/vPro">www.intel.com/vPro</a> to learn more. No product or component can be absolutely secure.</p>


	Claim # & Statement	Slide # & Title/Details
	 The slide titled "New on Intel vPro" features three columns of benefits. The first column, "The Most Comprehensive Security", lists: NEW ~70% attack surface reduction vs 4-year-old devices; NEW security vendors enabled with Intel® Threat Detection Technology; and NEW virtualization-based security enabled on Windows. The second column, "Best Hardware for Refresh", lists: NEW testing on IT configurations for a smooth transition to Windows 11; and NEW productivity, security and experience benefits vs 3-year-old devices. The third column, "Equipped to Do it All", lists: NEW! Over 2x better productivity vs 3-year-old PCs; and NEW! Higher core counts for more complex workloads. The Intel logo is at the bottom left. <p>New on Intel vPro Professional Grade PCs Built for the Rigors of Modern Business</p> <p><b>The Most Comprehensive Security</b></p> <ul style="list-style-type: none"><li>NEW ~70% attack surface reduction vs 4-year-old devices*</li><li>NEW security vendors enabled with Intel® Threat Detection Technology</li><li>NEW virtualization-based security enabled on Windows</li></ul> <p><b>Best Hardware for Refresh</b></p> <ul style="list-style-type: none"><li>NEW testing on IT configurations for a smooth transition to Windows 11</li><li>NEW productivity, security and experience benefits vs 3-year-old devices</li></ul> <p><b>Equipped to Do it All</b></p> <ul style="list-style-type: none"><li>NEW! Over 2x better productivity vs 3-year-old PCs; *40% vs competition*</li><li>NEW! Higher core counts for more complex workloads</li></ul> <p>intel   Content Under Embargo Until March 23rd 2023, 9am PT</p>	New on Intel vPro
3	~70% attack surface reduction vs 4-year-old devices	See Claim #2 above.
4	Over 2x better productivity vs 3-year-old PCs,	As measured by SYSmark 30 on 13th Gen Intel Core i7-1370P vs. 10th Gen Intel Core i7-10610U  Based on testing as of 01/10/2023  Full Configurations:  Processor: 13th Gen Intel® Core™ i7-1370P processor (RPL-P) PL1 set to 28W TDP, 14Core (6P+8E); tested on Intel Internal reference board; Memory: LPDDR5-6000MHz, 2x16GB, Dual Rank; Storage: Samsung PM9A1 512GB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Professional 22H2.608; Graphics: Intel® Iris® Xe Graphics; Graphics driver: 31.0.101.3425; BIOS version: 3361.A14. Power Plan set to Balanced; Power Mode set to “Best Performance”. VBS enabled, Defender enabled, and Tamper Protection enabled.  Processor: 10th Gen Intel® Core™ i7-10610U processor (CML-U) PL1 set to 15W TDP, 4C8T; tested on Lenovo ThinkPad X13 Gen 1; Memory: DDR4-2667MHz, 2x8GB; Storage: Samsung 980 PRO SSD 1TB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Professional 22H2.608; Graphics: Intel® UHD Graphics; Graphics driver: 31.0.101.2114; BIOS version: N2YET35W 1.24. Power Plan set to Balanced; Power Mode set to “Best Performance”. VBS enabled, Defender enabled, and Tamper Protection enabled.
5	+40% better productivity vs competition	As measured by SYSmark 30 on 13th Gen Intel Core i7-1370P vs. AMD Ryzen 7 Pro 6850U  Based on testing as of 01/10/2023  Full Configurations:  Processor: 13th Gen Intel® Core™ i7-1370P processor (RPL-P) PL1 set to 28W TDP, 14Core (6P+8E); tested on Intel Internal reference board; Memory: LPDDR5-6000MHz, 2x16GB, Dual Rank; Storage: Samsung PM9A1 512GB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Professional 22H2.608; Graphics: Intel® Iris® Xe Graphics; Graphics driver: 31.0.101.3425; BIOS version: 3361.A14. Power Plan set to Balanced; Power Mode set to “Best Performance”. VBS enabled, Defender enabled, and Tamper Protection enabled.  Processor: AMD Ryzen 7 PRO 6850U processor, 8C16T; tested on HP EliteBook 845 G9; Memory: DDR5-4800MHz, 2x16GB; Storage: Samsung 980 PRO SSD 1TB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Professional 22H2.608; Graphics: AMD Radeon 680M; Graphics driver: 30.0.14060.10; BIOS version: HP U82 v 01.01.07. Power Plan set to Balanced; Power Mode set to “Best Performance”. VBS enabled, Defender enabled, and Tamper Protection enabled.


	Claim # & Statement	Slide # & Title/Details
		Intel vPro has the most comprehensive security for your business right out of the box.
6	Intel vPro® has the most comprehensive security for your business, right out of the box.	See Claim #1 above.

	Claim # & Statement	Slide # & Title/Details
		Most Comprehensive Security for your business, right out of the box.
7	+93% efficacy detecting top Ransomware attacks	<p>In recent testing, Intel® Threat Detection Technology detected 93% of top ransomware attacks while competitor systems found none. Based on <a href="#">SE Labs – Enterprise Advanced Security (Ransomware) – Intel Threat Detection Technology study</a> published March 2023 (commissioned by Intel), which compared ransomware detection capabilities of an Intel vPro system powered by Intel Core processor against systems powered by AMD Ryzen Pro processors on Windows OS. SE Labs tested Intel’s hardware approach to ransomware detection, using a wide range of ransomware attacks similar to those used against victims in recent months. Systems tested included Intel® Core™ i7-1185G7, AMD Ryzen Pro 5675U, AMD Ryzen Pro 5875U, AMD Ryzen Pro 6650U, and AMD Ryzen Pro 6850U.</p> <p>Visit <a href="http://www.intel.com/tdt">www.intel.com/tdt</a> to learn more. No product or component can be absolutely secure. Other names and brands may be claimed as the property of others.</p>
8	+24% better than software alone	<p>Intel® Threat Detection Technology has been shown to increase overall EDR ransomware protection efficacy by 24% over software alone. Based on <a href="#">SE Labs – Enterprise Advanced Security (Ransomware) – Intel Threat Detection Technology study</a> published March 2023 (commissioned by Intel), which compared ransomware detection capabilities of an Intel vPro system powered by Intel Core processor against systems powered by AMD Ryzen Pro processors on Windows OS. EDR refers to endpoint detection and response vendor. SE Labs tested Intel’s hardware approach to ransomware detection, using a wide range of ransomware attacks similar to those used against victims in recent months. Systems tested included Intel® Core™ i7-1185G7, AMD Ryzen Pro 5675U, AMD Ryzen Pro 5875U, AMD Ryzen Pro 6650U, and AMD Ryzen Pro 6850U.</p> <p>Visit <a href="http://www.intel.com/tdt">www.intel.com/tdt</a> to learn more. No product or component can be absolutely secure. Other names and brands may be claimed as the property of others.</p>
9	↓ 26% major security breaches	<p>Intel-based PCs have a 26% lower risk of major PC-related security events according to a recent IDC report. Based on <a href="#">IDC’s “The Business Value of Intel Security for PCs” report</a> published March 2023 (commissioned by Intel), which cites a lower reported risk of significant financial impact events occurring through an Intel-based Windows PC (Intel PCs) compared with other Windows PCs (other PCs). To understand differences in terms of security capabilities, security risk, staff time requirements, and business and operational impact, IDC surveyed several large organizations across multiple industries based in the United States, Australia, and the United Kingdom that deploy Intel PCs and those that also have experience deploying other PCs. IDC’s analysis shows that Intel PCs offer built-in security functionality that enables organizations to maintain more robust and efficient PC security environments by proactively preventing attacks that can cause significant financial impact events, which were reported to have an average potential cost per instance of \$11.43 million for potential lost revenue, remediation costs, and regulatory fines. Study results estimated based on reported information.</p> <p>Visit <a href="http://www.intel.com/security">www.intel.com/security</a> to learn more. No product or component can be absolutely secure.</p>



	Claim # & Statement	Slide # & Title/Details
	 <p>The infographic displays the following metrics:</p> <ul style="list-style-type: none"><li><b>FEATURES:</b><ul style="list-style-type: none"><li>+93% efficacy detecting top Ransomware attacks<sup>1</sup></li><li>+24% better than software alone<sup>2</sup></li></ul></li><li><b>Out of box:</b> silicon-based virtualization security unleashed on Windows 11</li><li><b>IMPACT:</b><ul style="list-style-type: none"><li>↓26% major security breaches<sup>3</sup></li><li>+17% security team efficiencies<sup>3</sup></li><li>↓21% fewer impactful security events<sup>3</sup></li><li>~70% attack surface reduction vs 4-year-old devices<sup>3</sup></li></ul></li></ul> <p><small>intel Content Under Embargo Until March 23rd 2023, 9am PT</small></p>	Most Comprehensive Security for your business, right out of the box.
10	+17% security team efficiencies	<p>Intel-based PCs have 17% security team efficiencies, according to a recent IDC report. Based on <a href="#">IDC’s “The Business Value of Intel Security for PCs” report</a> published March 2023 (commissioned by Intel), which cites a lower reported risk of significant financial impact events occurring through an Intel-based Windows PC (Intel PCs) compared with other Windows PCs (other PCs). To understand differences in terms of security capabilities, security risk, staff time requirements, and business and operational impact, IDC surveyed several large organizations across multiple industries based in the United States, Australia, and the United Kingdom that deploy Intel PCs and those that also have experience deploying other PCs. IDC’s analysis shows that Intel PCs offer built-in security functionality that enables organizations to maintain more robust and efficient PC security environments by proactively preventing attacks that can cause significant financial impact events, which were reported to have an average potential cost per instance of \$11.43 million for potential lost revenue, remediation costs, and regulatory fines. Study results estimated based on reported information.</p> <p>Visit <a href="http://www.intel.com/security">www.intel.com/security</a> to learn more. No product or component can be absolutely secure.</p>
11	↓ 21% fewer impactful security events	<p>Intel-based PCs have 21% fewer impactful security events, according to a recent IDC report. Based on <a href="#">IDC’s “The Business Value of Intel Security for PCs” report</a> published March 2023 (commissioned by Intel), which cites a lower reported risk of significant financial impact events occurring through an Intel-based Windows PC (Intel PCs) compared with other Windows PCs (other PCs). To understand differences in terms of security capabilities, security risk, staff time requirements, and business and operational impact, IDC surveyed several large organizations across multiple industries based in the United States, Australia, and the United Kingdom that deploy Intel PCs and those that also have experience deploying other PCs. IDC’s analysis shows that Intel PCs offer built-in security functionality that enables organizations to maintain more robust and efficient PC security environments by proactively preventing attacks that can cause significant financial impact events, which were reported to have an average potential cost per instance of \$11.43 million for potential lost revenue, remediation costs, and regulatory fines. Study results estimated based on reported information.</p> <p>Visit <a href="http://www.intel.com/security">www.intel.com/security</a> to learn more. No product or component can be absolutely secure.</p>
12	~70% attack surface reduction vs 4-year-old devices	See claim #2 above.

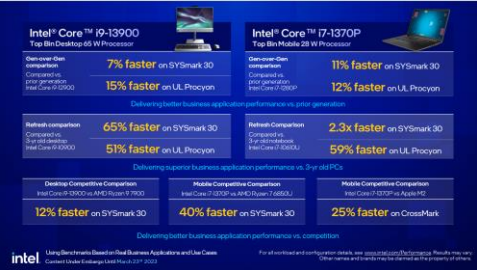
	Claim # & Statement	Slide # & Title/Details
	 The slide features the Intel logo at the bottom left. The main text reads: "Detect the Latest Threats at the Highest Efficacy – ONLY on Intel". Below this, it states: "Intel vPro® is the only business platform with built-in hardware security to detect ransomware and software supply chain attacks!". To the right, there is a grid of logos for various security partners: Acronis, Microsoft Defender, Crowdstrike, Check Point, Trend Micro, and Bitdefender. At the bottom right, it says: "Intel TDT provides up to 7X boost in scanning performance?".	Detect the Latest Threats at the Highest Efficacy
13	Intel vPro® is the only business platform with built-in hardware security to detect ransomware and software supply chain attacks	<p>The unique Anomalous Behavior Detector from Intel® Threat Detection Technology is the first hardware-based capability to help detect software supply chain attacks on PCs. Intel has the first and only hardware-based threat detection of its kind that works to augment security software for high efficacy detection of the latest ransomware, cryptojacking, supply chain style attacks and even zero-day attacks in Windows-based systems. Intel TDT Anomalous Behavior Detection (ABD) is a hardware-based control flow monitoring and anomaly detection solution able to monitor business apps for early indicators of compromise, leveraging the Intel CPU to build dynamic AI models of "good" application behavior.</p> <p>See <a href="https://www.intel.com/tdt">www.intel.com/tdt</a> for additional details. No product or component can be absolutely secure.</p>
14	Intel TDT provides up to 7X boost in scanning performance	<p>CrowdStrike found Intel® Threat Detection Technology can boost scanning up to 7x, resulting in faster detection of fileless attacks that are the #1 attack entry method. Accelerated Memory Scanning, a capability of Intel® Threat Detection, is now available in CrowdStrike Falcon. The memory scanning engine integrates Intel Threat Detection Technology accelerated memory scanning (AMS) into the Falcon sensor. Intel TDT AMS optimizes performance on Intel CPUs and offloads computation to the Intel integrated graphics processing unit (iGPU) when present. Recent CrowdStrike testing found a 3-7x acceleration in offload memory scanning to the iGPU via Intel TDT API over CPU scanning methods according to this <a href="#">CrowdStrike blog</a>. Intel does not control or audit third-party data. You should consult other sources to evaluate accuracy.</p>

	Claim # & Statement	Slide # & Title/Details
		PC Refresh is no longer a luxury, it's the smart choice
15	New hardware-based AI threat detection capabilities	See claim #7 above.
16	~70% attack surface reduction	See claim #2 above.

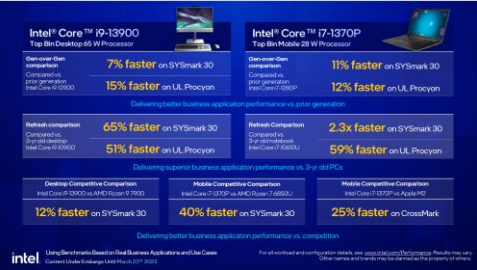
	Claim # & Statement	Slide # & Title/Details
		Ready for Refresh with Intel
17	~14% lower 5-year cost of operations per PC	<p>Intel-based PCs can provide a 14% lower 5-year cost of operations per PC, according to a recent IDC report. Based on <a href="#">IDC's "The Business Value of Intel Security for PCs" report</a> published March 2023 (commissioned by Intel), which cites a lower reported risk of significant financial impact events occurring through an Intel-based Windows PC (Intel PCs) compared with other Windows PCs (other PCs). To understand differences in terms of security capabilities, security risk, staff time requirements, and business and operational impact, IDC surveyed several large organizations across multiple industries based in the United States, Australia, and the United Kingdom that deploy Intel PCs and those that also have experience deploying other PCs. IDC's analysis shows that Intel PCs offer built-in security functionality that enables organizations to maintain more robust and efficient PC security environments by proactively preventing attacks that can cause significant financial impact events, which were reported to have an average potential cost per instance of \$11.43 million for potential lost revenue, remediation costs, and regulatory fines. Study results estimated based on reported information.</p> <p>Visit <a href="http://www.intel.com/security">www.intel.com/security</a> to learn more. No product or component can be absolutely secure.</p>
18	~22% lower cost of lost productivity, PC security and performance issues	<p>Intel-based PCs can provide a 22% lower cost of lost productivity, PC security and performance issues, according to a recent IDC report. Based on <a href="#">IDC's "The Business Value of Intel Security for PCs" report</a> published March 2023 (commissioned by Intel), which cites a lower reported risk of significant financial impact events occurring through an Intel-based Windows PC (Intel PCs) compared with other Windows PCs (other PCs). To understand differences in terms of security capabilities, security risk, staff time requirements, and business and operational impact, IDC surveyed several large organizations across multiple industries based in the United States, Australia, and the United Kingdom that deploy Intel PCs and those that also have experience deploying other PCs. IDC's analysis shows that Intel PCs offer built-in security functionality that enables organizations to maintain more robust and efficient PC security environments by proactively preventing attacks that can cause significant financial impact events, which were reported to have an average potential cost per instance of \$11.43 million for potential lost revenue, remediation costs, and regulatory fines. Study results estimated based on reported information.</p> <p>Visit <a href="http://www.intel.com/security">www.intel.com/security</a> to learn more. No product or component can be absolutely secure.</p>
19	~15% lower time to deliver new PCs	<p>Intel based PCs can provide a 15% lower time to deliver new PCs, according to a recent IDC report. Based on <a href="#">IDC's "The Business Value of Intel Security for PCs" report</a> published March 2023 (commissioned by Intel), which cites a lower reported risk of significant financial impact events occurring through an Intel-based Windows PC (Intel PCs) compared with other Windows PCs (other PCs). To understand differences in terms of security capabilities, security risk, staff time requirements, and business and operational impact, IDC surveyed several large organizations across multiple industries based in the United States, Australia, and the United Kingdom that deploy Intel PCs and those that also have experience deploying other PCs. IDC's analysis shows that Intel PCs offer built-in security functionality that enables organizations to maintain more robust and efficient PC security environments by proactively preventing attacks that can cause significant financial impact events, which were reported to have an average potential cost per instance of \$11.43 million for potential lost revenue, remediation costs, and regulatory fines. Study results estimated based on reported information.</p> <p>Visit <a href="http://www.intel.com/security">www.intel.com/security</a> to learn more. No product or component can be absolutely secure.</p>



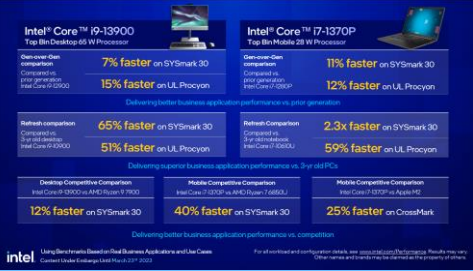
	Claim # & Statement	Slide # & Title/Details
		13th Gen Intel Core Processors for Business: Mobile and Desktop Performance Comparisons based on Standard Benchmarks
20	Up to 7% faster Windows application performance gen-over-gen for desktop computing	<p>As measured by SYSmark 30 on 13<sup>th</sup> Gen Intel Core i9-13900 vs. 12<sup>th</sup> Gen Intel Core i9-12900 processor</p> <p>Based on testing as of 02/17/2023</p> <p><u>Full Configurations:</u> Processor: 13th Gen Intel® Core™ i9-13900 processor (RPL-S) , 24C32T (8P + 16E); Motherboard: Intel RVP; Memory:, 2X16GB DDR5-5200MHz; Storage: Samsung PM 9A1 500GB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Version 22621_160 Service pack: 22H2; Motherboard BIOS version: NA</p> <p>Processor: 12th Gen Intel® Core™ i9-12900 processor (ADL-S) , 16C24T (8P + 8E); Motherboard: Intel RVP; Memory:, 2X16GB DDR5-4800MHz; Storage: Samsung PM 9A1 500GB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Version 22621_165 Service pack: 22H2; Motherboard BIOS version: NA</p>
21	Up to 15% faster Microsoft Office productivity gen-over-gen for desktop computing	<p>As measured by UL Procyon on 13<sup>th</sup> Gen Intel Core i9-13900 vs. 12<sup>th</sup> Gen Intel Core i9-12900 processor</p> <p>Based on testing as of 01/26/2023</p> <p><u>Full Configurations:</u> Processor: 13th Gen Intel® Core™ i9-13900 processor (RPL-S), 24C32T (8P + 16E); Motherboard: Intel RVP; Memory: G. Skill DDR5 CL 28-34-34-89, 2X16GB DDR5-5600MHz; Storage: Samsung 980 Pro 1TB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Version 22621_160 Service pack: 22H2; Motherboard BIOS version: 3361.A06</p> <p>Processor: 12th Gen Intel® Core™ i9-12900 processor (ADL-S), 16C24T (8P + 8E); Motherboard: Asus Prime Z690-A; Memory: G.Skill DDR5 CL 28-34-34-89, 2X16GB DDR5-4800MHz; Storage: Samsung 980 Pro 1TB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Version 22621_755 Service pack: 22H2; Motherboard BIOS version: 2103</p>

	Claim # & Statement	Slide # & Title/Details
		13th Gen Intel Core Processors for Business: Mobile and Desktop Performance Comparisons based on Standard Benchmarks
22	Up to 65% faster Windows application performance versus a 3-year-old desktop	<p>As measured by SYSmark 30 on 13<sup>th</sup> Gen Intel Core i9-13900 vs. 10<sup>th</sup> Gen Intel Core i9-10900 processor</p> <p>Based on testing as of 01/26/2023</p> <p><u>Full Configurations:</u> Processor: 13th Gen Intel® Core™ i9-13900 processor (RPL-S) , 24C32T (8P + 16E); Motherboard: Intel RVP; Memory: G. Skill DDR5 CL 28-34-34-89, 2X16GB DDR5-5600MHz; Storage: Samsung 980 Pro 1TB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Version 22H2; Motherboard BIOS version: 3361.A06</p> <p>Processor: 10th Gen Intel® Core™ i9-10900 processor (CML-S), 10C20T (10P + 0E); Motherboard: Asus Prime Z390-A; Memory: G. Skill DDR4 CL 14-14-14, 2X16GB DDR4-2933MHz; Storage: Samsung 980 Pro 1TB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Version 22H2; Motherboard BIOS version: 2601</p>
23	Up to 51% faster Microsoft Office productivity versus a 3-year-old desktop	<p>As measured by UL Procyon on 13th Gen Intel Core i9-13900 vs. 10th Gen Intel Core i9-10900 processor</p> <p>Based on testing as of 01/26/2023</p> <p><u>Full Configurations:</u> Processor: 13th Gen Intel® Core™ i9-13900 processor (RPL-S), 24C32T (8P + 16E); Motherboard: Intel RVP; Memory: G. Skill DDR5 CL 28-34-34-89, 2X16GB DDR5-5600MHz; Storage: Samsung 980 Pro 1TB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Version 22H2; Motherboard BIOS version: 3361.A06</p> <p>Processor: 10th Gen Intel® Core™ i9-10900 processor (CML-S), 10C20T (10P + 0E); Motherboard: Asus Prime Z390-A; Memory: G. Skill DDR4 CL 14-14-14, 2X16GB DDR4-2933MHz; Storage: Samsung 980 Pro 1TB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Version 22H2; Motherboard BIOS version: 2601</p>

	Claim # & Statement	Slide # & Title/Details
		13th Gen Intel Core Processors for Business: Mobile and Desktop Performance Comparisons based on Standard Benchmarks
24	Up to 12% faster Windows application performance versus AMD for desktop computing	<p>As measured by SYSmark 30 on 13th Gen Intel Core i9-13900 vs. AMD Ryzen 9 7900</p> <p>Based on testing as of 01/26/2023</p> <p><u>Full Configurations:</u> Processor: 13th Gen Intel® Core™ i9-13900 processor (RPL-S), 24C32T (8P + 16E); Motherboard: Intel RVP; Memory: G. Skill DDR5 CL 28-34-34-89, 2X16GB DDR5-5600MHz; Storage: Samsung 980 Pro 1TB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Version 22H2; Motherboard BIOS version: 3361.A06</p> <p>Processor: AMD Ryzen™ 7 7900 processor, 12C24T, Motherboard: Asus Crosshair X670E Hero; Memory: G. Skill DDR5 CL 28-34-34-89, 2X16GB DDR5-5200 MHz; Storage: Samsung 980 Pro 1TB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Version 22H2; Motherboard BIOS version: 805</p>
25	Up to 11% faster Windows application performance gen-over-gen for mobile computing	<p>As measured by SYSmark 30 on 13th Gen Intel Core i7-1370P vs. 12th Gen Intel Core i7-1280P</p> <p>Based on testing as of 01/10/2023</p> <p><u>Full Configurations:</u> Processor: 13th Gen Intel® Core™ i7-1370P processor (RPL-P) PL1 set to 28W TDP, 14Core (6P+8E); tested on Intel Internal reference board; Memory: LPDDR5-6000MHz, 2x16GB, Dual Rank; Storage: Samsung PM9A1 512GB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Professional 22H2; Graphics: Intel® Iris® Xe Graphics; Graphics driver: 31.0.101.3425; BIOS version: 3361.A14. Power Plan set to Balanced; Power Mode set to “Best Performance”. VBS enabled, Defender enabled, and Tamper Protection enabled.</p> <p>Processor: 12th Gen Intel® Core™ i7-1280P processor (ADL-P) PL1 set to 28W TDP, 14Core (6P+8E); tested on Intel Internal reference board; Memory: LPDDR5-5200MHz, 2x16GB, Dual Rank; Storage: Samsung PM9A1 512GB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Professional 22H2; Graphics: Intel® Iris® Xe Graphics; Graphics driver: 31.0.101.3688; BIOS version: 3385.A00. Power Plan set to Balanced; Power Mode set to “Best Performance”. VBS enabled, Defender enabled, and Tamper Protection enabled.</p>

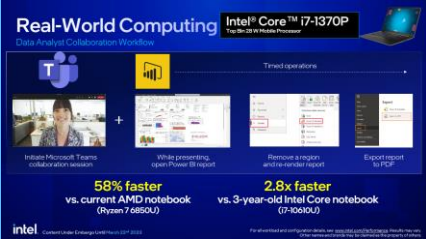
	Claim # & Statement	Slide # & Title/Details
	 The image shows a series of Intel performance comparison slides. The top section compares the Intel Core i9-13900 (Top Bin Desktop 65 W Processor) and Intel Core i7-1370P (Top Bin Mobile 28 W Processor) against the previous generation (Intel Core i9-12900 and Intel Core i7-1280P) using SYSmark 30 and UL Procyon benchmarks. The i9-13900 is 7% faster on SYSmark 30 and 15% faster on UL Procyon. The i7-1370P is 11% faster on SYSmark 30 and 12% faster on UL Procyon. The bottom section compares the Intel Core i9-13900 and Intel Core i7-1370P against the previous generation (Intel Core i9-12900 and Intel Core i7-1280P) using SYSmark 30 and UL Procyon benchmarks. The i9-13900 is 65% faster on SYSmark 30 and 51% faster on UL Procyon. The i7-1370P is 2.3x faster on SYSmark 30 and 59% faster on UL Procyon. The bottom right corner shows a desktop competitive comparison (Intel Core i9-13900 vs AMD Ryzen 9 7900) and a mobile competitive comparison (Intel Core i7-1370P vs AMD Ryzen 7 7650U), both showing significant performance gains. The bottom left corner shows a desktop competitive comparison (Intel Core i9-13900 vs AMD Ryzen 9 7900) and a mobile competitive comparison (Intel Core i7-1370P vs AMD Ryzen 7 7650U), both showing significant performance gains. The bottom right corner shows a desktop competitive comparison (Intel Core i9-13900 vs AMD Ryzen 9 7900) and a mobile competitive comparison (Intel Core i7-1370P vs AMD Ryzen 7 7650U), both showing significant performance gains.	13th Gen Intel Core Processors for Business: Mobile and Desktop Performance Comparisons based on Standard Benchmarks
26	Up to 12% faster Microsoft Office productivity gen-over-gen for mobile computing	<p>As measured by UL Procyon on 13<sup>th</sup> Gen Intel Core i7-1370P vs. 12<sup>th</sup> Gen Intel Core i7-1280P</p> <p>Based on testing as of 01/10/2023</p> <p><u>Full Configurations:</u></p> <p>Processor: 13th Gen Intel® Core™ i7-1370P processor (RPL-P) PL1 set to 28W TDP, 14Core (6P+8E); tested on Intel Internal reference board; Memory: LPDDR5-6000MHz, 2x16GB, Dual Rank; Storage: Samsung PM9A1 512GB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Professional 22621.608; Graphics: Intel® Iris® Xe Graphics; Graphics driver: 31.0.101.3425; BIOS version: 3361.A14. Power Plan set to Balanced; Power Mode set to “Best Performance”. VBS enabled, Defender enabled, and Tamper Protection enabled.</p> <p>Processor: 12th Gen Intel® Core™ i7-1280P processor (ADL-P) PL1 set to 28W TDP, 14Core (6P+8E); tested on Intel Internal reference board; Memory: LPDDR5-5200MHz, 2x16GB, Dual Rank; Storage: Samsung PM9A1 512GB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Professional 22621.457; Graphics: Intel® Iris® Xe Graphics; Graphics driver: 31.0.101.3688; BIOS version: 3385.A00. Power Plan set to Balanced; Power Mode set to “Best Performance”. VBS enabled, Defender enabled, and Tamper Protection enabled.</p>
27	Up to 2.3x faster Windows application performance versus a 3-year-old notebook	<p>As measured by SYSmark 30 on 13<sup>th</sup> Gen Intel Core i7-1370P vs. 10<sup>th</sup> Gen Intel Core i7-10610U</p> <p>Based on testing as of 01/10/2023</p> <p><u>Full Configurations:</u></p> <p>Processor: 13th Gen Intel® Core™ i7-1370P processor (RPL-P) PL1 set to 28W TDP, 14Core (6P+8E); tested on Intel Internal reference board; Memory: LPDDR5-6000MHz, 2x16GB, Dual Rank; Storage: Samsung PM9A1 512GB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Professional 22621.608; Graphics: Intel® Iris® Xe Graphics; Graphics driver: 31.0.101.3425; BIOS version: 3361.A14. Power Plan set to Balanced; Power Mode set to “Best Performance”. VBS enabled, Defender enabled, and Tamper Protection enabled.</p> <p>Processor: 10th Gen Intel® Core™ i7-10610U processor (CML-U) PL1 set to 15W TDP, 4C8T; tested on Lenovo ThinkPad X13 Gen 1; Memory: DDR4-2667MHz, 2x8GB; Storage: Samsung 980 PRO SSD 1TB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Professional 22621.608; Graphics: Intel® UHD Graphics; Graphics driver: 31.0.101.2114; BIOS version: N2YET35W 1.24. Power Plan set to Balanced; Power Mode set to “Best Performance”. VBS enabled, Defender enabled, and Tamper Protection enabled.</p>

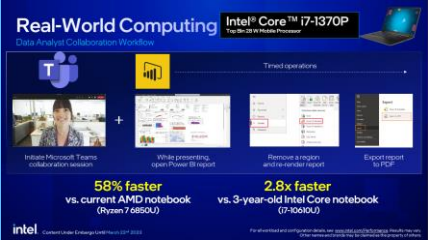


	Claim # & Statement	Slide # & Title/Details
		<h3>13th Gen Intel Core Processors for Business: Mobile and Desktop Performance Comparisons based on Standard Benchmarks</h3>
28	Up to 59% faster Microsoft Office productivity versus a 3-year-old notebook	<p>As measured by UL Procyon on 13<sup>th</sup> Gen Intel Core i7-1370P vs. 10<sup>th</sup> Gen Intel Core i7-10610U</p> <p>Based on testing as of 01/10/2023</p> <p><u>Full Configurations:</u></p> <p>Processor: 13th Gen Intel® Core™ i7-1370P processor (RPL-P) PL1 set to 28W TDP with Intel® Dynamic Tuning Technology (Intel® DTT) enabled at 35W, 14Core (6P+8E); tested on Intel Internal reference board; Memory: LPDDR5-6000MHz, 2x16GB, Dual Rank; Storage: Samsung MZVL2512HCJQ-00A00 512GB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Professional 22621.608; Graphics: Intel® Iris® Xe Graphics; Graphics driver: 31.0.101.3688; BIOS version: 3361.A14. Power Plan set to Balanced; Power Mode set to “Best Performance”. VBS enabled, Defender enabled, and Tamper Protection enabled.</p> <p>Performance with Intel® DTT will vary based on chassis design choices, chassis temperature thresholds, cooling solutions, form factors (physical dimensions), air flow, and ambient air temperatures.</p> <p>Processor: 10th Gen Intel® Core™ i7-10610U processor (CML-U) PL1 set to 15W TDP, 4C8T; tested on Lenovo ThinkPad X13 Gen 1; Memory: DDR4-2667MHz, 2x8GB; Storage: Samsung 980 PRO SSD 1TB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Professional 22621.608; Graphics: Intel® UHD Graphics; Graphics driver: 31.0.101.2114; BIOS version: N2YET35W 1.24. Power Plan set to Balanced; Power Mode set to “Best Performance”. VBS enabled, Defender enabled, and Tamper Protection enabled.</p>
29	Up to 40% faster Windows application performance versus AMD for mobile computing	<p>As measured by SYSmark 30 on 13th Gen Intel Core i7-1370P vs. AMD Ryzen 7 Pro 6850U</p> <p>Based on testing as of 01/10/2023</p> <p><u>Full Configurations:</u></p> <p>Processor: 13th Gen Intel® Core™ i7-1370P processor (RPL-P) PL1 set to 28W TDP, 14Core (6P+8E); tested on Intel Internal reference board; Memory: LPDDR5-6000MHz, 2x16GB, Dual Rank; Storage: Samsung PM9A1 512GB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Professional 22621.608; Graphics: Intel® Iris® Xe Graphics; Graphics driver: 31.0.101.3425; BIOS version: 3361.A14. Power Plan set to Balanced; Power Mode set to “Best Performance”. VBS enabled, Defender enabled, and Tamper Protection enabled.</p> <p>Processor: AMD Ryzen 7 PRO 6850U processor, 8C16T; tested on HP EliteBook 845 G9; Memory: DDR5-4800MHz, 2x16GB; Storage: Samsung 980 PRO SSD 1TB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Professional 22621.608; Graphics: AMD Radeon 680M; Graphics driver: 30.0.14060.10; BIOS version: HP U82 v 01.01.07. Power Plan set to Balanced; Power Mode set to “Best Performance”. VBS enabled, Defender enabled, and Tamper Protection enabled.</p>



	Claim # & Statement	Slide # & Title/Details															
	 An infographic titled '13th Gen Intel Core Processors for Business: Mobile and Desktop Performance Comparisons based on Standard Benchmarks'. It compares Intel Core i9-13900 and i7-1370P against AMD Ryzen 9 7900 and i7-7800U. The infographic shows performance gains in SYSmark 30, UL Procyon, and CrossMark benchmarks. For example, the i9-13900 is 7% faster on SYSmark 30 and 15% faster on UL Procyon compared to the Ryzen 9 7900. The i7-1370P is 11% faster on SYSmark 30 and 12% faster on UL Procyon compared to the i7-7800U. It also shows competitive comparisons with AMD Ryzen 7 7800U and Apple M2, showing up to 40% faster performance on SYSmark 30 and 25% faster on CrossMark. <table border="1"><thead><tr><th>Processor</th><th>Desktop Competitive Comparison</th><th>Mobile Competitive Comparison</th></tr></thead><tbody><tr><td>Intel Core i9-13900 vs AMD Ryzen 9 7900</td><td>7% faster on SYSmark 30, 15% faster on UL Procyon</td><td>11% faster on SYSmark 30, 12% faster on UL Procyon</td></tr><tr><td>Intel Core i7-1370P vs AMD Ryzen 7 7800U</td><td>65% faster on SYSmark 30, 51% faster on UL Procyon</td><td>2.3x faster on SYSmark 30, 59% faster on UL Procyon</td></tr><tr><td>Intel Core i9-13900 vs AMD Ryzen 7 7800U</td><td>12% faster on SYSmark 30</td><td>40% faster on SYSmark 30</td></tr><tr><td>Intel Core i7-1370P vs Apple M2</td><td>25% faster on CrossMark</td><td></td></tr></tbody></table>	Processor	Desktop Competitive Comparison	Mobile Competitive Comparison	Intel Core i9-13900 vs AMD Ryzen 9 7900	7% faster on SYSmark 30, 15% faster on UL Procyon	11% faster on SYSmark 30, 12% faster on UL Procyon	Intel Core i7-1370P vs AMD Ryzen 7 7800U	65% faster on SYSmark 30, 51% faster on UL Procyon	2.3x faster on SYSmark 30, 59% faster on UL Procyon	Intel Core i9-13900 vs AMD Ryzen 7 7800U	12% faster on SYSmark 30	40% faster on SYSmark 30	Intel Core i7-1370P vs Apple M2	25% faster on CrossMark		<h3>13th Gen Intel Core Processors for Business: Mobile and Desktop Performance Comparisons based on Standard Benchmarks</h3>
Processor	Desktop Competitive Comparison	Mobile Competitive Comparison															
Intel Core i9-13900 vs AMD Ryzen 9 7900	7% faster on SYSmark 30, 15% faster on UL Procyon	11% faster on SYSmark 30, 12% faster on UL Procyon															
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Intel Core i7-1370P vs Apple M2	25% faster on CrossMark																
30	Up to 25% faster business application performance versus Apple for mobile computing	<p>As measured by CrossMark on 13th Gen Intel Core i7-1370P vs. Apple M2</p> <p>Based on testing as of 01/10/2023</p> <p>Full Configurations:</p> <p>Processor: 13th Gen Intel® Core™ i7-1370P processor (RPL-P) PL1 set to 28W TDP with Intel® Dynamic Tuning Technology (Intel® DTT) enabled at 35W, 14Core (6P+8E); tested on Intel Internal reference board; Memory: LPDDR5-6000MHz, 2x16GB, Dual Rank; Storage: Samsung MZVL2512HCJQ-00A00 512GB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Professional 22H2.1608; Graphics: Intel® Iris® Xe Graphics; Graphics driver: 31.0.101.3688; BIOS version: 3361.A14. Power Plan set to Balanced; Power Mode set to "Best Performance". VBS enabled, Defender enabled, and Tamper Protection enabled.</p> <p>Performance with Intel® DTT will vary based on chassis design choices, chassis temperature thresholds, cooling solutions, form factors (physical dimensions), air flow, and ambient air temperatures.</p> <p>Processor: Apple M2 processor, 8C8T (4P+4E); tested on MacBook Pro (13 inch, 2022) Model A2338; Memory: LPDDR5, 16GB; Storage: Apple SSD AP0512Z 512GB; Display Resolution: 2560x1600; OS: MacOS Ventura 13.1; Kernel Version: Darwin 23.2.0, Graphics: Apple 10 Cores Integrated GPU; BIOS: N/A; GPU Mode: NA; OS Power Plan: System Settings -&gt; Battery -&gt; "Low Power Mode" = never; VBS: N/A; Defender: N/A; Tamper Protection: N/A.</p>															

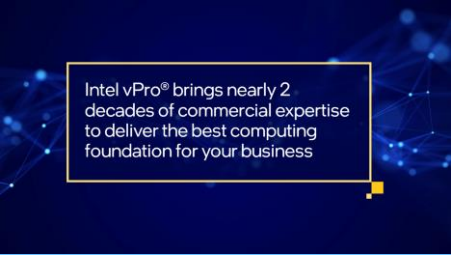
	Claim # & Statement	Slide # & Title/Details
		13th Gen Intel Core Processors for Real World Computing: Data Analyst Collaboration Workflow
31	Up to 58% faster report generation while collaborating versus AMD for mobile computing	<p>As measured by Data Analyst Collaboration Workflow on 13th Gen Intel Core i7-1370P vs. AMD Ryzen 7 Pro 6850U</p> <p>Workflow Description:</p> <ol style="list-style-type: none"><li>1. This workflow measures the time it takes to a generate Power BI Report while sharing on a 1:1 Teams call.</li><li>2. The sequence begins by starting the 1:1 call on Microsoft Teams and sharing the screen.</li><li>3. The workflow then measures three timed operations: A) Loading a Power BI report. B) Doing a slice and re-rendering report. C) Saving report as a PDF.</li><li>4. Timed operations are added to create basis for comparison.</li></ol> <p>Based on testing as of 01/10/2023</p> <p>Full Configurations:</p> <p>Processor: 13th Gen Intel® Core™ i7-1370P processor (RPL-P) PL1 set to 28W TDP with Intel® Dynamic Tuning Technology (Intel® DTT) enabled at 35W, 14Core (6P+8E); tested on Intel Internal reference board; Memory: LPDDR5-6000MHz, 2x16GB, Dual Rank; Storage: Samsung MZVL2512HCJQ-00A00 512GB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Professional 22H2.608; Graphics: Intel® Iris® Xe Graphics; Graphics driver: 31.0.101.3688; BIOS version: 3361.A14. Power Plan set to Balanced; Power Mode set to "Balanced". VBS enabled, Defender enabled, and Tamper Protection enabled.</p> <p>Performance with Intel® DTT will vary based on chassis design choices, chassis temperature thresholds, cooling solutions, form factors (xyz dimensions), air flow, and ambient air temperatures.</p> <p>Processor: AMD Ryzen 7 PRO 6850U processor, 8C16T; tested on HP EliteBook 845 G9; Memory: DDR5-4800MHz, 2x16GB; Storage: Samsung 980 PRO SSD 1TB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Professional 22H2.608; Graphics: AMD Radeon 680M; Graphics driver: 30.0.14060.10; BIOS version: HP U82 v 01.01.07. Power Plan set to Balanced; Power Mode set to "Balanced". VBS enabled, Defender enabled, and Tamper Protection enabled.</p>


	Claim # & Statement	Slide # & Title/Details
		13th Gen Intel Core Processors for Real World Computing: Data Analyst Collaboration Workflow
32	Up to 2.8x faster report generation while collaborating versus a 3-year-old notebook	<p>Data Analyst Collaboration Workflow on 13th Gen Intel Core i7-1370P vs. Intel Core i7-10610U</p> <p>Workflow Description:</p> <ol style="list-style-type: none"><li>1. This workflow measures the time it takes to a generate Power BI Report while sharing on a 1:1 Teams call.</li><li>2. The sequence begins by starting the 1:1 call on Microsoft Teams and sharing the screen.</li><li>3. The workflow then measures three timed operations: A) Loading a Power BI report. B) Doing a slice and re-rendering report. C) Saving report as a PDF.</li><li>4. Timed operations are added to create basis for comparison.</li></ol> <p>Based on testing as of 01/10/2023</p> <p>Full Configurations:</p> <p>Processor: 13th Gen Intel® Core™ i7-1370P processor (RPL-P) PL1 set to 28W TDP with Intel® Dynamic Tuning Technology (Intel® DTT) enabled at 35W, 14Core (6P+8E); tested on Intel Internal reference board; Memory: LPDDR5-6000MHz, 2x16GB, Dual Rank; Storage: Samsung MZVL2512HCJQ-00A00 512GB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Professional 22H2.608; Graphics: Intel® Iris® Xe Graphics; Graphics driver: 31.0.101.3688; BIOS version: 3361.A14. Power Plan set to Balanced; Power Mode set to "Balanced". VBS enabled, Defender enabled, and Tamper Protection enabled.</p> <p>Performance with Intel® DTT will vary based on chassis design choices, chassis temperature thresholds, cooling solutions, form factors (xyz dimensions), air flow, and ambient air temperatures.</p> <p>Processor: 10th Gen Intel® Core™ i7-10610U processor (CML-U) PL1 set to 15W TDP, 4C8T; tested on Lenovo ThinkPad X13 Gen 1; Memory: DDR4-2667MHz, 2x8GB; Storage: Samsung 980 PRO SSD 1TB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Professional 22H2.608; Graphics: Intel® UHD Graphics; Graphics driver: 31.0.101.2114; BIOS version: N2YET35W 1.24. Power Plan set to Balanced; Power Mode set to "Balanced". VBS enabled, Defender enabled, and Tamper Protection enabled.</p>


	Claim # & Statement	Slide # & Title/Details
	 The slide is titled "Real-World Computing" and "Content Creator Multitasking Workflow". It features the Intel Core i9-13900 logo. The workflow is divided into three stages: 1. "Pr" (Premiere Pro) with a "Background Thread Task: Video render and export", 2. "Teams" (Microsoft Teams) with a "Foreground Task: Attend call with video suppression and background tasks", and 3. "Ps" (Photoshop) with a "Foreground Thread Task: Photoresizing, noise reduction, and apply 100 filters". Performance claims are shown: "45% faster vs. current AMD desktop (Ryzen 9 7900)" and "2.3x faster vs. 3-year-old Intel Core desktop (i9-10900)". <p>Up to 45% faster content creation while multitasking versus AMD for desktop computing</p>	<p>13th Gen Intel Core Processors for Real World Computing: Content Creator Multitasking Workflow</p> <p>As measured by Content Creation Multitasking Workflow on 13th Gen Intel Core i9-13900 vs. AMD Ryzen 9 7900</p> <p>Workflow Description:</p> <p>User is attending a Microsoft Teams call while executing the following timed tasks:</p> <ol style="list-style-type: none"><li>1. Video export using Adobe Premiere Pro is initiated as a foreground task and later moved to the background</li><li>2. Photo editing using Adobe Photoshop including photo resizing, noise reduction, and application of various filters</li></ol> <p>The geo mean of the performance ratios of the operations is calculated and becomes the ratio for the overall workload.</p> <p>Based on testing as of 01/26/2023</p> <p>Full Configurations:</p> <p>Processor: 13th Gen Intel® Core™ i9-13900 processor (RPL-S), 24C32T (8P + 16E); Motherboard: Intel RVP; Memory: G. Skill DDR5 CL 28-34-34-89, 2X16GB DDR5-5600MHz; Storage: Samsung 980 Pro 1TB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Version 22H2; Motherboard BIOS version: 3361.A06</p> <p>Processor: AMD Ryzen™ 7 7900 processor, 12C24T, Motherboard: Asus Crosshair X670E Hero; Memory: G. Skill DDR5 CL 28-34-34-89, 2X16GB DDR5-5200 MHz; Storage: Samsung 980 Pro 1TB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Version 22H2; Motherboard BIOS version: 805</p>
33		

	Claim # & Statement	Slide # & Title/Details
	 The slide is titled "Real-World Computing" and "Intel Core™ i9-13900 Top 10th or Desktop Processor". It shows a multitasking workflow with three tasks: "Pr" (Adobe Premiere Pro) for "Background Thread Task: Video render and export", "Teams" for "Foreground Task: Teams call with video suspension and background like", and "Ps" (Adobe Photoshop) for "Foreground Thread Task: Photoresizing, noise reduction, and apply 100 filters". Performance claims are "45% faster vs. current AMD desktop (Ryzen 9 7900)" and "2.3x faster vs. 3-year-old Intel Core desktop (i9-10900)". intel Content Creator Multitasking Workflow (CCTM) 2023 For demonstration purposes only. See <a href="https://www.intel.com/content/www/us/en/processors/core-i9-13900.html">https://www.intel.com/content/www/us/en/processors/core-i9-13900.html</a> for more information.	13th Gen Intel Core Processors for Real World Computing: Content Creator Multitasking Workflow
34	Up to 2.3x faster content creation while multitasking versus a 3-year-old desktop	<p>As measured by Content Creation Multitasking Workflow on 13th Gen Intel Core i9-13900 vs. 10th Gen Intel Core i9-10900</p> <p>Workflow Description:</p> <p>User is attending a Microsoft Teams call while executing the following timed tasks:</p> <ol style="list-style-type: none"><li>1. Video export using Adobe Premiere Pro is initiated as a foreground task and later moved to the background</li><li>2. Photo editing using Adobe Photoshop including photo resizing, noise reduction, and application of various filters</li></ol> <p>The geo mean of the performance ratios of the operations is calculated and becomes the ratio for the overall workload.</p> <p>Based on testing as of 01/26/2023</p> <p>Full Configurations:</p> <p>Processor: 13th Gen Intel® Core™ i9-13900 processor (RPL-S) , 24C32T (8P + 16E); Motherboard: Intel RVP; Memory: G. Skill DDR5 CL 28-34-34-89, 2X16GB DDR5-5600MHz; Storage: Samsung 980 Pro 1TB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Version 22H2; Motherboard BIOS version: 3361.A06</p> <p>Processor: 10th Gen Intel® Core™ i9-10900 processor (CML-S) , 10C20T (10P + 0E); Motherboard: Asus Prime Z390-A; Memory: G. Skill DDR4 CL 14-14-14-14, 2X16GB DDR4-2933MHz; Storage: Samsung 980 Pro 1TB; Display Resolution: 1920x1080; OS: Microsoft Windows 11 Version 22H2; Motherboard BIOS version: 2601</p>



	Claim # & Statement	Slide # & Title/Details
	 A slide with a dark blue background featuring a network of glowing blue nodes and lines. A white-bordered box in the center contains the text: "Intel vPro® brings nearly 2 decades of commercial expertise to deliver the best computing foundation for your business".	Intel vPro® brings nearly 2 decades of commercial expertise to deliver the best computing foundation for your business
35	Intel vPro® brings nearly 2 decades of commercial expertise to deliver the best computing foundation for your business	Visit <a href="https://intel.com/performance-vpro">intel.com/performance-vpro</a> for details.

	Claim # & Statement	Slide # & Title/Details
		The Broadest Ecosystem to Deliver the Best Commercial Computing Experiences
36	The Broadest Ecosystem to Deliver the Best Commercial Computing Experiences	Visit <a href="https://intel.com/performance-vpro">intel.com/performance-vpro</a> for details.

	Claim # & Statement	Slide # & Title/Details
	 A graphic titled "News Summary" with a blue background. It features a woman in a brown jacket holding a tablet. The text includes: "13th Gen Intel® Core™ processors", "Intel vPro has the most comprehensive security for your business, reducing the attack surface significantly vs. 4 year old devices", "Refreshing to the latest hardware is no longer a luxury, it's becoming a necessity", "13th Gen Intel® Core™ processors were designed to optimize the way your business computes, up to 40% faster than comp", and "Intel vPro brings nearly 2 decades of commercial expertise to deliver the best computing foundation for ANY business". The Intel logo is at the bottom left. <p>News Summary</p>	News Summary
37	Intel vPro has the most comprehensive security for your business	See claim #1 above.
38	Reducing the attack surface significantly vs 4 year old devices	See claim #2 above.
39	13th Gen Intel® Core™ processors were designed to optimize the way your business computes, up to 40% faster than comp	3-yr-old PC: As measured by SYSmark 30 on 13th Gen Intel Core i7-1370P vs. 10th Gen Intel Core i7-10610U. Competition: As measured by SYSmark 30 on 13th Gen Intel Core i7-1370P vs. AMD Ryzen 7 Pro 6850U Based on testing as of 01/10/2023 See claims # 26 and #28 for additional details. Results may vary.

	Claim # & Statement	Slide # & Title/Details
	Press Pre Brief Recording with Stephanie Hallford and Mike Nordquist	
40	Intel vPro is the best business computing platform available today	<p>As of March 2023; by validating business PCs against a rigorous specification defined for each product version, Intel vPro delivers tangible advantages for any business user. Intel develops Intel vPro by combining four key pillars that are critical to business success (performance, security, manageability, and stability) through product design, broad open ecosystem enablement (OEMs, ODMs, OSs, ISVs, etc.), performance optimizations, and validation against strict product specifications unlike any other commercial client platform. Unique features in each version of Intel vPro are tailored to address the needs of corresponding business segments such as large enterprise, medium business, small business (managed and unmanaged), education, and public sector - all regardless of size, maturity, or trajectory.</p> <p>Please see the feature chart on the Intel vPro performance index page for additional details on certain specific features available on the different Intel vPro platforms. All versions of the Intel vPro® platform require an eligible Intel processor, a supported operating system, Intel LAN and/or WLAN silicon, firmware enhancements, and other hardware and software necessary to deliver the system performance, security features, manageability use cases, and lifecycle stability that define the platform. Visit <a href="https://www.intel.com/vPro">www.intel.com/vPro</a> to learn more about these capabilities.</p>
41	The best technology investment for businesses today.	See claim #40 above.
42	Reduce the attack surface by close to 70%	See claim #2 above
43	Intel vPro remains the unrivaled business computing foundation for businesses of all sizes.	See claim #40 above.
44	Only AI based hardware threat detection with higher efficacy of the latest threats.	<p>Intel® Threat Detection is the only AI-based silicon security in deployment across a billion PCs. Intel® Threat Detection Technology can detect the latest threats at the highest efficacy. Based on <a href="#">SE Labs – Enterprise Advanced Security (Ransomware) – Intel Threat Detection Technology study</a> published March 2023 (commissioned by Intel), which compared ransomware detection capabilities of an Intel vPro system powered by Intel Core processor against systems powered by AMD Ryzen Pro processors on Windows OS. SE Labs tested Intel’s hardware approach to ransomware detection, using a wide range of ransomware attacks similar to those used against victims in recent months. Systems tested included Intel® Core™ i7-1185G7, AMD Ryzen Pro 5675U, AMD Ryzen Pro 5875U, AMD Ryzen Pro 6650U, and AMD Ryzen Pro 6850U.</p> <p>Visit <a href="https://www.intel.com/tdt">www.intel.com/tdt</a> to learn more. No product or component can be absolutely secure. Other names and brands may be claimed as the property of others.</p>

	Claim # & Statement	Slide # & Title/Details
	Press Pre Brief Recording with Stephanie Hallford and Mike Nordquist	
45	Our hardware based security capabilities have taken virtualization based security to a game changing level	Visit <a href="https://intel.com/performance-vpro">intel.com/performance-vpro</a> to learn more.
46	7X boost in scanning performance with CrowdStrike	See claim #14 above.
47	Highest bar of what it takes to have a stable platform	See claim #40 above
48	14% lower 5 year cost of operations 22% lower cost of lost productivity, PC security and performance issues 15% faster to deliver new PCs	See claims #17-19 above.
49	Performance benchmark-based and real-world computing workload advantages	See claims #20-34 above.
50	We have the broadest most open ecosystem in the world	See claim #36
51	Intel vPro is the best platform for PC refresh, offering tremendous benefits over 3-4 year old PCs	See claims #20-34 & 40 above.



	Claim # & Statement	Slide # & Title/Details
	Demo	
52	VPro performance Demo (no performance claims or numbers shown)	System comparison on MS Teams, Adobe Premier, and Adobe Photoshop on 13th Gen Intel Core i7-1370P vs. 10th Gen Intel Core i7-10610U See claims #21 & 23 above.

	Claim # & Statement	Slide # & Title/Details	
	Misc.		
53	Intel vPro brings nearly 2 decades of commercial expertise to deliver the best computing foundation for ANY business	See claim #40 above.	
54	Best Hardware for Refresh	See claim #40 above.	
55	NEW Exceptional productivity, security and experience benefits over 3-year old devices	See claims #20-34 & 40 above.	
56	Intel Builds the Broadset Ecosystem to Deliver the Best Commercial Computing Solutions	See claim #36 above.	