## INTEL® vpro™ platform - built for business



INTEL® VPROTE PLATFORM = HARDWARE + TECHNOLOGIES + SOLUTIONS





ADDITIONAL SECURITY

**FLEXIBLE** 

**MANAGEMENT** 

Hardware-enhanced identity protection and customizable multifactor authentication

INTEL® IDENTITY

**PROTECTION WITH PKI** 

INTEL®
TXT

Harden platforms against software based attacks

INTEL® REMOTE SECURE ERASE

Wipe SSD media and delete encryption keys remotely within seconds

## INTEL® ACTIVE MANAGEMENT TECHNOLOGY

Integrated platform capabilities to allow IT or managed service providers to better discover, repair, and protect their networked computing assets. Supports remote maintenance and wireless manageability of mobile workforce



INCREASE PRODUCTIVITY UP TO Faster
Multitasking that a 5-year-old PC1

10HRS Of Battery Life





Estimates and measurements based on (1) Productivity - SYSmark\* 2014 Overall Score Performance tests, such as SYSmark and MobileMark, are measured using specific computer systems, components, software, operations and functions. Any change to any of those factors may cause the results to vary. You should consult other information and performance tests to assist you in fully evaluating your contemplated purchases, including the performance of that product when combined with other products.

(2) As measured by Windows® 10 4K 24fps 10bit HEVC Local Video Playback Test. USB devices disconnected, local WiFi access connected, screen brightness 200 nits. Launch Tears of Steel (4K H265 24fps) video using the Windows® Movie & TV App. Measure and calculate average power for the duration of the video. Estimated on Intel® Core™ i7-7500U Processor, PL1=15W TDP, 2C4T, Turbo up to 3.5GHz, Memory: 2x4GB DDR4-2133, Storage: Intel® SSD, Display Resolution: 4K, Intel® HD Graphics 620, OS: Windows® 10 TH2. Battery size 66 WHr. For more information, go to http://www.intel.com/performance

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**Intel® Advanced Encryption Standard** 

New Instructions (Intel® AES-NI)

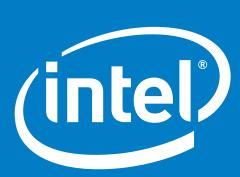
Intel® Power Optimizer &

**Processor C-States** 

Intel® SGX

7<sup>th</sup> GENERATION INTEL® CORE™ 15 AND 17

PROCESSORS SUPPORT THESE FEATURES



	AN AMAZING	FLEXIBLE	Intel <sup>®</sup> Active Management Technology	Supports remote maintenance and wireless manageability of mobile workforce
ı	ANATACING PLATER PLATER PROBLES CORE 15 vPro 7th Gen	MANAGEMENT	Intel® Remote Secure Erase	Remote access to wipe SSD media and delete encryption keys remotely within seconds
		HARDWARE ENHANCED SECURITY	Intel® Data Guard	Hardware-based file, and folder encryption system that addresses security issues and helps reduce data compromise and data loss
			Intel® Authenticate Solution	Mitigates risk by moving traditional multifactor software functions into the hardware so that key identity data and policy decisions are no longer exposed to software-based attacks
			Intel® Trusted Execution Technology	Designed to harden platforms from the threats of hypervisor, BIOS, or other firmware attacks, malicious root kits, or other software based attacks
	www.intel.com/vpro	IMPROVED STABILITY	Intel® Stable Image Platform Program (SIPP)	Designed to promote efficient, effective management of PC lifecycle complexities
	(intel) (intel) (intel)		Intel® Turbo Boost Technology	Dynamically increases the processor's frequency, as needed, by taking advantage of thermal
			mitet rando boost reenmotogy	and power headroom when operating below specified limits
			Intel® Hyper-Threading Technology	Delivers two processing threads per physical core. Highly threaded applications can get more work done in parallel, completing tasks sooner
	CORE i5 vPro 7th Gen	CORE i7 vPro 7th Gen	Intel® Smart Cache	Dynamically allocates shared cache to each processor core, based on workload, reducing latency and improving performance

Fast, secure AES engine for a variety of encryption apps, including whole disk encryption,

file storage encryption, conditional access of HD content, internet security, and VoIP

Reduces power by increasing periods of silicon sleep states across the platform ingredients,

including the CPU, chipset, and third-party system components

Harden software to help protect application data and user data