

2018 ATEA
BOOT
CAMP

Välkommen

Intel
Anders Hüge

T H E F I X E R S

Transformative Technology from Intel

Anders Høge
Intel



WHY INTEL



A HISTORY OF PC INNOVATION



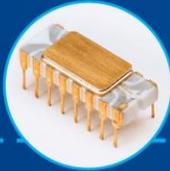
Ever since Morris Tanenbaum launched the Silicon Age with the fabrication of the first silicon transistor at Bell Labs in 1954, the PC has undergone a transformative evolution. From the revolutionary Intel 4004 release to game-changing Ultrabook™ and 2 in 1, Intel has been at the center of PC innovation throughout its 50-year history, and through ongoing collaboration with the ecosystem, Intel will continue to redefine the PC experience.



1968

THE DAWN OF THE MOUSE

The first mouse makes its debut, changing the way people would interact with computers forever.



1971

HONEY... I SHRUNK THE COMPUTER

Intel launches the first ever commercial microprocessor, the Intel 4004, enabling computers to finally get smaller.



1975

COMPUTING GETS PERSONAL

The first personal computer hits the market in 1975. The Altair 8880, based on the Intel® 8080 CPU, finally brings computing to the masses.



1978

THE 8086 REVOLUTION

The 8086 gives rise to the x86 architecture, which will eventually become Intel's most successful line of processors.



1980'S

LUGGABLE

The first truly portable PCs and laptops hit the market with the Osborne 1.



2003

A WIRELESS WORLD

The Intel® Centrino® processor launches, bringing integrated wireless to laptops.



1996

GET ON THE BUS!

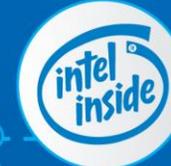
Intel leads a group of 7 tech giants to develop USB (Universal Serial Bus), changing connectivity forever and paving the way for Thunderbolt™ (2011), which would offer even more flexible and versatile connection options.



1993

THE NAME GAME

The Intel® Pentium® line of processors launches, ditching the traditionally used numeric naming system for good.



1991

INTEL INSIDE

Intel becomes a household name with the launch of Intel Inside® campaign, changing the way consumers think about PCs, as they begin to consider power as a key purchase point.



2006

BUSINESS BAKED IN

The Intel® vPro™ platform launches, with features specifically for business PC users from the silicon up.



2007

BRINGING THE INTERNET TO EVERYONE

As computer companies compete to deliver smaller, more user-friendly laptops, the Netbook is born, bringing easy access to the internet to everyone and everywhere.



2011

LAPTOPS SLIM DOWN AND BEEF UP

Intel introduces a new category of PC called the Ultrabook™, using low-power processors and drives to reduce bulk without compromising battery life.



2012

ERA OF THE 2-IN-1 PC BEGINS

PCs are revolutionized again with 2 in 1 hitting the market in late 2012.



2018

THE NEXT GENERATION

Intel's first processor to package a GPU directly onto the CPU along with dedicated High Bandwidth Memory. EMIB technology reduces the silicon footprint making the 8th Gen Intel® Core™ processor with Radeon™ RX Vega M Graphics perfect for small form factors—an indication of more innovation to come.

TRANSFORMING BUSINESS



INTEL VISION

Accelerate workplace transformation with leadership IT capabilities and solutions

MODERN BUSINESS DEMANDS



Higher Productivity



Better Collaboration



Trusted Devices



Reduced OpEx

Intel is transforming computing endpoints to meet the needs of businesses today and tomorrow



PRODUCTIVITY



**PROTECT & MITIGATE
SECURITY THREATS**



**WHY
REFRESH**



**WORKPLACE
TRANSFORMATION
&
ATTRACT TALENT**



**SIMPLIFY DEVICE
MANAGEABILITY**

8TH GEN INTEL® CORE™ VPRO™ FOR BUSINESS



SIGNIFICANT BETTER
PERFORMANCE VS 7TH GEN



BETTER BATTERY LIFE³



+ 2 MORE CORES
(4 CORES)
+ 2X THREADS
(8 THREADS)

1. See Legal Notices & Disclaimers section for system configuration/workload details for SYSMARK2014 SE
2. See Legal Notices & Disclaimers section for system configuration/workload details for Office Productivity and Multitasking Workload
3. See Legal Notices & Disclaimers section for system configuration/workload details for BATTERY LIFE

THE INTEL® VPRO™ PLATFORM

The Foundation for Business Computing

PERFORMANCE



Keep employees productive

Avoid problems

STABILITY



SECURITY

Protect your business

Lower operational costs

MANAGEABILITY



MORE INFO: www.intel.com/vpro

INTEL® AUTHENTICATE TECHNOLOGY

Hardware-based Multi-Factor Authentication

HP Client Security
Suite



HARDENED FACTORS



**PROTECT FACTORS, CREDENTIALS, POLICIES,
AND DECISIONS IN THE HARDWARE**

WORLD-CLASS PARTNERSHIP | WORLD-CLASS IDENTITY PROTECTION

MORE INFO: www.intel.com/authenticate

MICROSOFT WINDOWS* 10

Better with Intel® Core™ vPro™ Processors

Achieve more and transform
your business with Windows 10
on the latest Intel processors



Better security

Better manageability

Better platforms for PC refresh

MICROSOFT INNOVATIONS

INTEL DIFFERENTIATION

WHY REFRESH

- Other names and brands are property of their respective owners

SMART CONFERENCE ROOMS: INTEL UNITE®

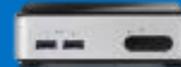


EASY & FAST
WIRELESS CONTENT SHARING

Enhances Productivity

Broad Device Support

Helps Protect Sensitive Content



OPEN & ADAPTABLE
MEETING ROOM PLATFORM

Flexible Architecture

Unified Communications Plugins

Enterprise-Ready

INTEL UNITE® - HOW IT WORKS

Easily view or share content with the hub's display and other in-room or remote participants (Windows* client UI shown)

Flexible Ways to Join & Participate

In Room with Hub: Launch the Intel Unite® application and enter the 6-digit PIN shown on the room display.

Attending Remotely: Share the pin or integrate with Outlook

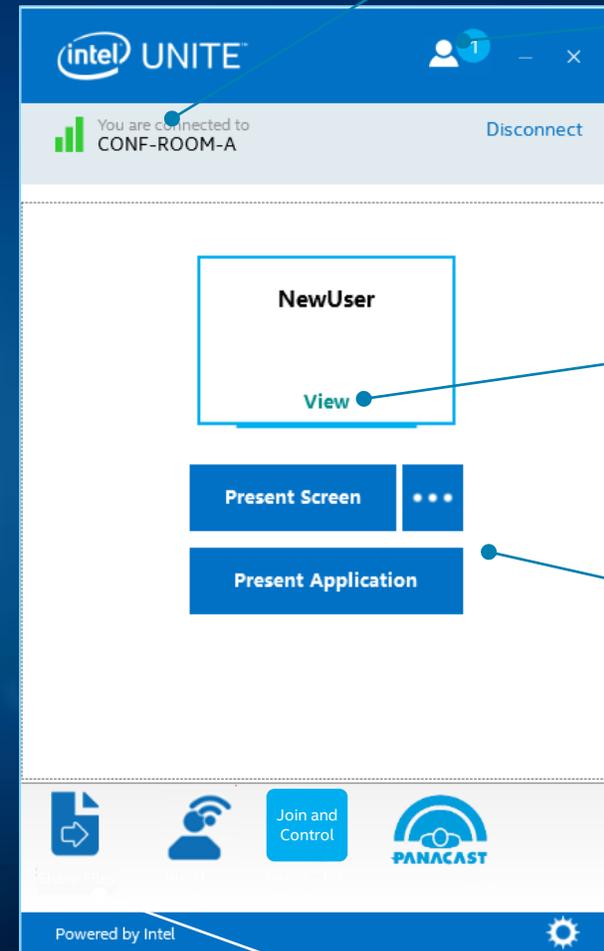
Guests: Join via a temporary hub WiFi hotspot



PIN entry screen



- 6-digit PIN
- Configurable size, font and color
- Configurable background .jpg or .png image
- Editable user instruction text



Know where you're sharing content

See who is connected

View content shared by others

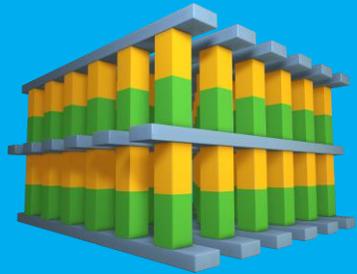
Share screen to room & participants

Quickly share a file with other participants

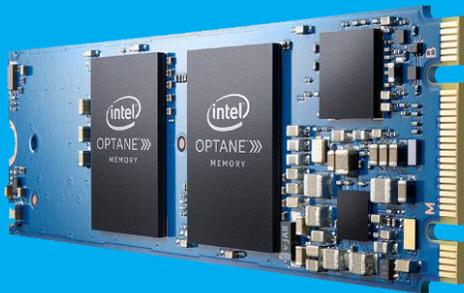
¹Display of video content with accompanying audio for in-room participants only, at up to 1080p with 25-30fps. For hardware encoding and best experience quality, client PC requires 3rd gen Intel Core processor or newer, with Intel graphics, running Windows 7, 8.1 or 10. Non Windows-based clients and remote participants can use software-based encode/decode for video; however, performance is subject to the abilities of their system and network.

INTEL® OPTANE™ MEMORY

An Adaptive Caching Technology for Accelerating System Performance



3D XPOINT™



MORE INFO: www.intel.com/optane

ACCELERATE WORKLOADS

USER & BUSINESS BENEFITS

BUSINESS DESKTOPS, NOTEBOOKS & WORKSTATIONS

1 SYSmark 2014 SE (Responsiveness Sub score) – Benchmark from the BAPCo* consortium that measures the performance of Windows* platforms. SYSmark* tests four usage scenarios: Office Productivity, Media Creation, Data/Financial Analysis, and Responsiveness. SYSmark* contains real applications from Independent Software Vendors such as Microsoft* and Adobe*. Measurements made on a computer with an Intel Core™ i5 processor and a 1 TB hard disk drive; measurements made with and without a 16 GB Intel Optane™ memory module. Benchmark results were obtained prior to implementation of recent software patches and firmware updates intended to address exploits referred to as "Spectre" and "Meltdown". Implementation of these updates may make these results inapplicable to your device or system.



PERFORMANCE, SECURITY AND MANAGEABILITY MATTER



+



HP AND INTEL ARE CLOSELY ALIGNED ON THE KEY INDUSTRY TRENDS, AND THE INVESTMENT AREAS TO CAPITALIZE



WINDOWS* 10 RUNS BEST ON THE LATEST INTEL PLATFORMS

• Other names and brands are property of their respective owners

1 Intel® Virtualization Technology for IA-32, Intel® 64 and Intel® Architecture. Intel® Virtualization Technology for Directed I/O. Trusted Platform Module.

**2018 ATEA
BOOT
CAMP**

Tack för mig

Intel

Vill du veta mer, registrera dig vid utgången.

Betygsätt gärna passet i appen.

**REJTA
MITT PASS
I APPEN**

LEGAL NOTICES AND DISCLAIMERS

Software and workloads used in performance tests may have been optimized for performance only on Intel microprocessors. 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. Benchmark results were obtained prior to implementation of recent software patches and firmware updates intended to address exploits referred to as "Spectre" and "Meltdown." Implementation of these updates may make these results inapplicable to your device or system. For more complete information visit www.intel.com/benchmarks.

Intel disclaims all express and implied warranties, including without limitation, the implied warranties of merchantability, fitness for a particular purpose, and non-infringement, as well as any warranty arising from course of performance, course of dealing, or usage in trade.

No license (express or implied, by estoppel or otherwise) to any intellectual property rights is granted by this document.

The products described may contain design defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request.

Cost reduction scenarios described are intended as examples of how a given Intel- based product, in the specified circumstances and configurations, may affect future costs and provide cost savings. Circumstances will vary. Intel does not guarantee any costs or cost reduction.

Intel technologies' features and benefits depend on system configuration and may require enabled hardware, software or service activation. Performance varies depending on system configuration. No computer system can be absolutely secure. Check with your system manufacturer or retailer or learn more at intel.com.

This document contains information on products, services and/or processes in development. All information provided here is subject to change without notice. Contact your Intel representative to obtain the latest forecast, schedule, specifications and roadmaps.

Some results have been estimated or simulated using internal Intel analysis or architecture simulation or modeling, and provided to you for informational purposes. Any differences in your system hardware, software or configuration may affect your actual performance. Indicated by (e) or projected.

Intel® Active Management Technology is sophisticated and requires setup and activation. Availability of features and results will depend upon the setup and configuration of your hardware, software and IT environment. To learn more visit: <http://www.intel.com/amt>

No computer system can be absolutely secure. Intel does not assume any liability for lost or stolen data or systems or any damages resulting from such losses. Security features enabled by Intel® Active Management Technology (Intel® AMT) require an enabled chipset, network hardware and software and a corporate network connection. Intel® AMT may not be available or certain capabilities may be limited over a host OS-based VPN or when connecting wirelessly on battery power, sleeping, hibernating or powered off. Setup requires configuration and may require scripting with the management console or further integration into existing security frameworks, and modifications or implementation of new business processes.

Optimization Notice: Intel's compilers may or may not optimize to the same degree for non-Intel microprocessors for optimizations that are not unique to Intel microprocessors. These optimizations include SSE2, SSE3, and SSSE3 instruction sets and other optimizations. Intel does not guarantee the availability, functionality, or effectiveness of any optimization on microprocessors not manufactured by Intel. Microprocessor-dependent optimizations in this product are intended for use with Intel microprocessors. Certain optimizations not specific to Intel microarchitecture are reserved for Intel microprocessors. Please refer to the applicable product User and Reference Guides for more information regarding the specific instruction sets covered by this notice

Intel, the Intel logo, Intel Core, Intel vPro, Thunderbolt and Intel Optane are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.

*Other names and brands may be claimed as the property of others.

© Intel Corporation For disclosure under NDA only.