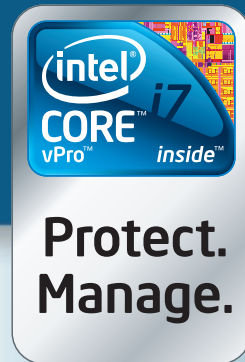




# Intel® Core™ vPro™ Technology

## Overview



## Motion® Tablet PCs are the First Slate Products with Intel® Core™ vPro™ Technology

Motion Tablets are the first pure slate products on the market to utilize the new Intel Core vPro Technology enabling new levels of performance, security and manageability. Power processors support running multiple, compute-intensive applications simultaneously on Motion Tablet PCs without sacrificing performance or security.

### What is Intel® Core™ vPro™ Technology?

Intel Core vPro Technology is a collection of IT capabilities embedded into the hardware of the new Intel Core vPro processor-based PCs. The technology includes the next-generation Intel® Core™ i7 vPro™ Processor or Intel® Core™ i5 vPro™ Processor and an integrated graphics architecture enabling unparalleled mobile performance.

Intel Core vPro technology takes advantage of an intelligent processor, chipset and networking features, along with protected flash memory. When combined with existing independent software vendor (ISV) management consoles, Intel Core vPro technology delivers a comprehensive, tamper-resistant solution for security and manageability.

Because the capabilities are built into the hardware, they are available even if the OS is inoperable, the hard drive has failed or when the PC power is off. Additionally, the capabilities are less susceptible to problems that can affect a hard drive, applications or an operating system and are more resistant to boot issues, tampering and other problems that can affect security applications and operating systems.

### Business Challenges Driving the Need for Intel® Core™ vPro™ Technology

In today's markets, business is increasingly borderless, and mobility is becoming essential. The amount of e-mail that users manage each day has also increased dramatically and video has become mainstream for communication. At the same time, countries around the world are implementing increasingly stringent energy-compliance regulations for PCs and security threats continue to grow each year. These shifts are creating major challenges in business models worldwide concerning:

- Increasingly mobile workforce requiring support
- Focus on increasing efficiency while reducing costs
- Increase in security threats
- Need to protect networks and assets both inside and outside the firewall
- Increased demand for more powerful mobile systems that can run multiple applications simultaneously
- Desire to reduce operating costs for securing and managing PCs
- Increased awareness and initiatives to promote and use environmentally-friendly PCs that consume less power

#### Key Benefits of Intel® Core™ vPro™ Technology

Provides enhanced remote management capabilities

Automatically speeds up processor based on user's needs

Enables ability to work on multiple tasks at the same time

Protects data with fully manageable hard drive encryption

Helps lower power costs with built-in energy saving processor features

Protects PCs and valuable data from theft with Intel Anti-Theft Technology



# Motion<sup>®</sup> C5v, F5v and J3500 Tablet PCs Now Equipped with Intel<sup>®</sup> Core<sup>™</sup> vPro<sup>™</sup> Technology

## Improving the Next Generation of Motion Tablet PCs

Utilizing Intel's Core vPro technology, Motion Tablets provide the best in mobile performance, security and manageability.



### Better Remote Manageability

Motion Tablet PCs are now **easier to manage** while deployed in the field thanks to built-in capabilities including remote configuration, diagnosis, isolation and repair of PCs, even if systems are unresponsive.



### Added Security

The security measures built into Motion Tablet PCs with a new Intel Core vPro processor can be active even when the PC is off, software agents have been disabled, or the OS is unresponsive helping **ensure the security** of stored information.



### Increased Performance

The Motion C5v, F5v and J3500 incorporate Intel Core i5 and Core i7 vPro processors bringing you the latest in mobile processing technology and power.



### Optimized Battery Life

Using the same batteries as their predecessors, the C5v, F5v and J3500 are able to get the most out of every cell thanks in part to the tight integration of hardware components and Intel's Core vPro Technology.

## Intel<sup>®</sup> Core<sup>™</sup> vPro<sup>™</sup> Technology Features

### Increased Security and Manageability

#### Intel Active Management Technology

Hardware-based capabilities let administrators better discover, fix and secure their networked computing assets

#### Remote Encryption Management

Provides capability to remotely unlock encrypted drives that require pre-boot authentication while managing data security settings even when the PC is off

#### KVM (Keyboard, Video, Mouse) Remote Control

Allows IT to see what customers see even beyond firewalls

#### AES-NI (Advanced Encryption Standard-New Instruction)

Enables new processor instructions to accelerate and protect encryption operations

#### Intel Anti-Theft Technology

Lock down PC and disable access to data in the event of loss or theft by delivering a "poison pill" while providing simple remote reactivation on PC recovery

#### Intel Virtualization Technology (Intel VT)

Allows IT to remotely manage systems while providing highly secure, centralized and virtualized IT services to end users

### Increased Performance

#### Intel Hyper-Threading Technology

Higher throughput possible on multi-threaded software enabling efficient multi-tasking

#### Intel Turbo Boost Technology

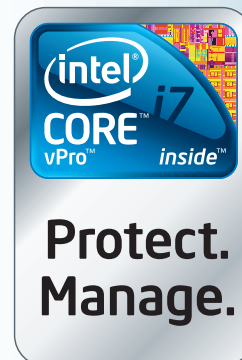
Enables extra processing power when applications need it most

#### Intel HD Graphics

Increased graphics performance for sharper images and richer color

#### New Levels of Energy-Efficient Performance

Idle cores reduce their power consumption so that the system consumes only the power it needs



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For more information on Intel vPro Technology visit: <http://www.intel.com/go/vproexpert>