Intel® Wireless Docking

Selling Business and IT Advantages

*Enhance business productivity and mobility with a user-friendly “no wires” experience*

A range of new experiences is now transforming the workplace—driven by competitive necessity combined with powerful new technologies. The transformation starts with people and is enabled by technology, including 5th gen Intel® Core™ vPro™ and Intel® Core™ M vPro™ processors, Intel® Pro Wireless Display, and Intel® Wireless Docking.

Delivering a "no wires" experience can help businesses to achieve new levels of efficiency, productivity, and collaboration. Intel® Wireless Docking enhances business productivity allowing for seamless transitions between mobility and productivity modes. It is based on the WiGig (802.11ad) standard for wire-like performance and offers robust on-desk performance even in dense environments.

**Applicable Platforms**

- 4th and 5th generation Intel® Core™ vPro™ and Intel® Core™ M vPro™ processors and devices
- Peripherals (monitors, keyboards, and USB accessories)

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<th>To address these top-of-mind customer needs ...</th>
<th>... Sell these key Intel® Wireless Docking benefits and supporting Intel® technologies</th>
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| **Security**                                  | • Wireless docking uses AES 128-bit hardware encryption for all data passed between the client and dock  
|                                               | • User profiles are secure and saved on the client PC, not the dock  
|                                               | • WiGig is a secure technology with point-to-point connection; only transmits over a short range and requires line of sight |
| **Productivity and Collaboration**            | • Wire-like performance  
|                                               | • Robust on-desk performance even in dense environments  
|                                               | • Seamless transitions between mobility and productivity modes  
|                                               | • Compatible with existing peripherals¹  
|                                               | • Supports multi-devices, whether for same users or different users  
|                                               | • Multiple docking schemes available based on usage scenarios  
|                                               | • Hardware acceleration keeps system resource utilization low  
|                                               | • Power-efficient design enables longer battery life  
|                                               | • Auto-dock starts when users approach their desks  
|                                               | • WiGig operates on multiple channels and can select the optimal channel to use based on congestion levels |
| **Manageability**                             | • Based on the WiGig (802.11ad) standard  
|                                               | • Allows high throughput in dense environments  
|                                               | • Optimized to replace display cables (HDMI, DP) and IO (USB, SD, PCIe) cables  
|                                               | • Hardware-encrypted data transfer  
|                                               | • Select remote management features  
|                                               | • Centralized discovery and upgrade of dock firmware supported  
|                                               | • Visually lossless display for up to two external monitors |
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<tr>
<td>• Real time peripheral support</td>
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<td>• Native USB 3.0 I/O support</td>
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<td>• Software and firmware updates can be easily pushed by IT patch tools or management consoles to WiGig-enabled clients</td>
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<td>• Intel® SCS 10 support available for remote discovery of detailed WiGig client information via Microsoft’s SCCM* management console (via SCS add-on) or PowerShell*</td>
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<td>• When client with updated software connects to a dock with older firmware, mismatch is detected upon first connection attempt and WiGig software guides user through dock firmware update</td>
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**Wire-like performance—without cables.**

Learn more: [www.intel.com/go/widi](http://www.intel.com/go/widi)

1. Full compatibility except for graphics. 4k monitors are not supported. Maximum resolution is 1200p for 2 external monitors and 1600p for a single external monitor.
2. Intel® processor numbers are not a measure of performance. Processor numbers differentiate features within each processor series, not across different processor sequences. See [http://www.intel.com/products/processor_number](http://www.intel.com/products/processor_number) for details. Intel products are not intended for use in medical, life saving, life sustaining, critical control, or safety systems, or in nuclear facility applications. All dates and products specified are for planning purposes only and are subject to change without notice.
3. Intel technologies’ features and benefits depend on system configuration and may require enabled hardware, software or service activation. No computer system can be absolutely secure. Learn more at Intel.com, or from the OEM or retailer.
4. No computer system can be absolutely secure. Requires an enabled processor, chipset, firmware and software. Check with your manufacturer or retailer for more information.
5. Intel® vPro™ 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/technology/vpro](http://www.intel.com/technology/vpro).
6. No computer can be absolute secure. Intel® Pro Wireless Display network security features require a system with an Intel® processor with vPro™ Technology, 1080p and Blu-Ray* or other protected content playback, a compatible Intel® WiDi adapter and media player, and supporting Intel® WiDi software and graphics driver installed. Check with your device manufacturer. Learn more by visiting [www.intel.com/go/widi](http://www.intel.com/go/widi).
7. No computer can be absolutely secure. Intel® Pro Wireless Display network security features require a system with an Intel® processor with vPro™ technology, 1080p and Blu-Ray* or other protected content playback, a compatible Intel® WiDi adapter and media player, and supporting Intel® WiDi software and graphics driver installed. Check with your device manufacturer. Learn more by visiting [www.intel.com/go/widi](http://www.intel.com/go/widi).
8. Requires activation and a system with a corporate network connection, an Intel® AMT-enabled chipset, and network hardware and software. For notebooks, Intel AMT may be unavailable or limited over a host OS-based VPN, when connecting wirelessly, on battery power, sleeping, hibernating, or powered off. Results dependent upon hardware, setup, and

9. "Conflict free" means "DRC conflict free," which is defined by SEC rules to mean products that do not contain conflict minerals (tin, tantalum, tungsten, and/or gold) that directly or indirectly finance or benefit armed groups in the DRC or adjoining countries. We also use the term "conflict-free" in a broader sense to refer to suppliers, supply chains, smelters and refiners whose sources of conflict minerals do not finance conflict in the DRC or adjoining countries.

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