



# Dell Wireless Dock - WiGig

Dell™ Wireless Dock - WiGig delivers unparalleled convenience and superior connectivity. The only WiGig technology docking solution provides best-in-class docking experience.

## Unparalleled convenience

Convenient and powerful the Dell Wireless Dock – WiGig delivers seamless connectivity to display, network and peripherals with superb bandwidth.

Connect up to two external displays with DisplayPort and HDMI ports as well as your peripherals with 1 front USB 3.0 and 2 back USB 3.0 for great productivity. Collaboration is supported with front Audio In/Out port for voice over IP.

The docking station is equipped with an ethernet connector that helps ensure high and dedicated bandwidth for fast data transfers. Configuration and connectivity is easy with Dell Connection Manager supporting WiGig and Wireless LAN settings as well as seamless handover.

## Fast and flexible

The Dell Wireless Dock - WiGig is an ideal solution for meeting rooms or classrooms. It offers connectivity to projectors and peripherals enabling the user to seamlessly connect to the environment.

Collaboration is easier as people can switch from one user to the next enabling dynamic interactions. As it provides connection to peripherals, display and network simultaneously it also helps the workforce or students collaborate across the room or around the world.

Dell Wireless Dock – WiGig can support Displays, Projectors or TVs with DisplayPort or HDMI including remote audio; and for legacy VGA based infrastructure’s adapter are available.

Ethernet connector helps ensure the presenter benefit from cable-class network connectivity for stable and efficient collaboration with remote locations.

## Secure and manageable

Secure and manageable, the Dell Wireless Dock – WiGig is based on established protocols and authentication and efficiently manageable remotely.

Encrypted communications and strong authentication - WiGig specifications are based on proven existing IEEE802.11 standard, security and manageability are similar to current wireless LAN technologies.

Incredibly fast - WiGig technology allows devices to communicate wirelessly at multi-gigabit speeds, faster than the fastest Wi-Fi networks based on IEEE 802.11n.

Standard based for long term stability - WiGig specification was confirmed in May 2010 as the basis for the 802.11ad draft standard, it is a standard based 60GHz technology and here to last.



Feature	Dell Wireless Dock - WiGig Technical Specification
Model number	Dell Wireless Dock D5000
Standard	WiGig 1.1 IEEE 802.11ad
Frequency	60 GHz
Max Data Rate	4.6 Gdps
Max Distance	Supports beam forming for max 10m (in room)
Wireless I/O Protocol	Wireless Bus Extension (WBE)
Chipsets	Wilocity WIL6120 Marlon-M (assembled IN hmc) Wilocity WIL6110 Marlon-R (assembled in RF Module) DisplayLink DL3900 (assembled in main PCBA)
Operating System	Microsoft® Windows® 7 Microsoft® Windows® 8
Video ports	1x DisplayPort 1.1 1x HDMI 1.3
Input ports	3x USB3.0 1x RJ-45 1x Audio Jack (Mic in/out via combo jack)
Switch/Buttons	Back: Power (on/off) rocker switch Front: WPS (Pairing) button Right: Reset button - accessible via a pin or paper clip; return to default setting
LED Indicators	Link status WPS Pairing
Power Supply	19.5V/3.34A (65W)
Dimension	190 x 86 x 30.7mm
Weight	345g
Operating Temperature	0°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
System Requirements	PCs equipped with WiGig antenna <sup>3</sup> and WiGig Module supporting WBE portocol
Max WiGig connection to PC	1
Service and Warranty	
Warranty	If purchased as a tied laptop accessory, the Dell Wireless Dock- WiGig will share the system warranty which can be: Limited Hardware Warranty <sup>1</sup> : Standard 3-year Next Business Day On Site Service after Remote Diagnosis <sup>2</sup> . Optional 3 year Dell ProSupport offers premium support from expert technicians and 24x7 global availability <sup>2</sup> .  If purchased separately, product warranty will be: Limited Hardware Warranty <sup>1</sup> : Standard 3-year Return after Remote Diagnosis <sup>2</sup> .

1. Limited Hardware Warranty: For copy of Ltd Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see [www.dell.com/warranty](http://www.dell.com/warranty).

2. Availability and terms of Dell Services vary by region. For more information, visit [www.dell.com/servicesdescriptions](http://www.dell.com/servicesdescriptions).

3. Latitude 6430u is currently the only Dell laptop configurable with WiGig antenna and WiGig Module options.

Discover the Dell Wireless Dock - WiGig and Dell Latitude 6430u  
on [dell.com/latitude](http://dell.com/latitude)





## Dell Wireless Dock - WiGig : Frequently Asked Questions

Discover and get a better understanding of the new WiGig technology, Dell Wireless Dock D5000 and Dell Latitude 6430u.

### WiGig - Wireless Gigabit technology

Question: What is the difference between WiDi and WiGig ?

Answer: WiDi utilizes 802.11n speeds (600 Mb/s) while WiGig is 4.6 Gb/s and so only WiGig can support a seamless docking experience. WiDi is better suited for streaming video or still images.

Question: How will WiGig evolve? Will more Dell laptops support WiGig ?

Answer: Yes, many systems will support WiGig in the future.

### Dell Wireless Dock D5000

Question: Does the Dell Wireless Dock - WiGig communicate to one PC at a time, or several?

Answer: One system at a time.

Question: If just one, how does it maintain connection to just one device when several WiGig PC's are within range?

Answer: Either by password protection or by first user to connect.

Question: Are Wake-on-LAN and PXE-Boot supported on the D5000?

Answer: No, these are features that are planned to be available on the next-generation of docking

Question: Will the WiGig dock work in a room where you have several docks? How is the interference?

Answer: Based on testing, multiple docks can be used in the same room with limited performance impact.

Question: How do you connect to a dock? Will a machine always connect to the same dock? How to change the dock that you connect to?

Answer: Initial setup is through WPS or through a passcode. The dock can be set to be auto-connect or manually connect depending on preference. Typically, a user would auto-connect in their office but manually connect to a shared dock in a conference room.

Question: How can you switch which machine is docked if you use the docking station as a meeting room dock connected to a projector?

Answer: Automatic Docking should be disabled. First user would have to disconnect using the Connection Program, to enable the second user to connect.

### Dell Latitude 6430u with WiGig

Question: Can I walk around with my notebook once it is connected?

Answer: It is recommended that the notebook remain in one place but the benefit of a wireless connection is that you can move around with limited performance impacts.

Question: Are all 6430u platforms WiGig-capable straight from the factory?

Answer: Not all Latitude 6430u systems are WiGig-capable. System that shipped out with Intel 6300 WLAN require a different non-WiGig LCD cover due to a different antenna requirement. All systems that shipped out with any of the other WLAN options (DW1504, DW1540, Intel 6205, no WLAN) are WiGig-capable, meaning that a customer can upgrade them to WiGig-ready by purchasing a DW1601 card and downloading the WiGig driver.

Question: Does the Latitude 6430u support E-family docking solutions (Dell E-Port and E-Port Plus) ?

Answer: No

