DELL Technologies

Dell Pro Docks



Dell Pro Docks



Power meets efficiency with Dell Pro Docks

Power the AI PC workspace

Drive full power to new AI PCs with the greatest power delivery for smart docks in the industry – with up to 300W[1].

Most Manageable Commercial Docks[2]

Remotely manage an entire fleet of Dell Pro Smart Docks from the new cloud-based Dell Device Management Console – no PC connectivity required.

Built Secure

Dell Pro Smart Docks feature enterprise-grade WPA-3 192-bit encryption for secure Wi-Fi communication, plus tamper-resistant, hardware-based encryption to safeguard data.

Sustainable Design

New Dell Pro Docks are designed with more post-consumer recycled (PCR) content than ever – with 65% PCR[3] and 100% recycled packaging[4]. Reduce standby power up to 72% with Dell Pro Dock – WD25[5].

1,2 Based on Dell internal analysis, December 2024. Actual results may vary.
3,4 Based on internal analysis, December 2024. Renewable materials in the form of sustainably forested materials. Excludes optional items added to order and included in the box.
5 Based on internal analysis, December 2024.

Features at a glance*

Modern connectivity:

- **Enhance your views** – Support for four high-res displays simultaneously with no added cable-clutter.
- **Accelerate productivity** – with faster network and USB speeds and expanded port options.
- **Future-proof your set up** – with latest Thunderbolt™ technology.



Power Up:

- **More power and compatibility** – Minimum of 100W up to 300W of power delivery over a single cable,1 find the right dock for every AI PC workstyle, including Dell and non-Dell PCs.
- **Keep devices charged** – without the need for PC power with USB-A with PowerShare ports.

Streamlined Management:

- **Remotely configure, deploy and update** your Dell Pro Smart Docks without end-user presence.
- **Centralize** of all Dell displays, docks and PC peripherals from the Dell Device Management Console, with easy accessibility via Microsoft InTune.

Thoughtful design:

- **Sustainably crafted** with 65% up to post-consumer recycled plastic, utilizing 2 two types of recycled materials in the chassis and bumpers[3].
- **Configure your workspace** with an ambidextrous USB-C cable that can be routed left or right. A new robust USB-C connector is designed for enhanced durability.

Elevate efficiency:

- **Free up IT resources** with automated firmware updates and minimize manual interventions.
- **Eliminate user interruptions** – Schedule updates during off-hours to ensure fleetwide firmware compliance and boost end-user productivity.

*Features availability varies with different Docks.
1,2. Based on Dell internal analysis November 2024
3. Based on Dell internal analysis December 2024

Technical Specification Comparison

	Dell Pro Dock – WD25	Dell Pro Smart Dock – SD25	Dell Pro Thunderbolt 4 Smart Dock – SD25TB4	Dell Pro Thunderbolt 5 Smart Dock – SD25TB5
				
PC	**DP 1.4 without Display Stream Compression** Up to: 4 x HD (1280x720) @ 60Hz 3 x FHD (1920x1080) @ 60Hz 2 x QHD (2560x1440) @ 60Hz 1 x 4K (3840x2160) @ 60Hz **DP 1.4 / DP 2.1 with Display Stream Compression** Up to: 4 x WQHD (3440x1440) @ 60Hz 3 x WQHD (3440x1440) @ 60Hz 2 x 5K (5120x2160) @ 60Hz 1 x 6K (6144x3456) @ 60Hz	**DP 1.4 without Display Stream Compression** Up to: 4 x HD (1280x720) @ 60Hz 3 x FHD (1920x1080) @ 60Hz 2 x QHD (2560x1440) @ 60Hz 1 x 4K (3840x2160) @ 60Hz **DP 1.4 / DP 2.1 with Display Stream Compression** Up to: 4 x WQHD (3440x1440) @ 60Hz 3 x WQHD (3440x1440) @ 60Hz 2 x 5K (5120x2160) @ 60Hz 1 x 6K (6144x3456) @ 60Hz	**DP 1.4 without Display Stream Compression** Up to: 4 x QHD (2560x1440) @ 60Hz 3 x WQHD (3440x1440) @ 60Hz 2 x 4K (3840x2160) @ 60Hz 1 x 5K WUHD (5120x2160) @ 60Hz **DP 1.4 / DP 2.1 with Display Stream Compression** Up to: 4 x 4K (3840x2160) @ 60Hz 3 x 4K (3840x2160) @ 60Hz 2 x 6K (6144x3456) @ 60Hz 1 x 8K (7680x4320) @ 60Hz	**DP 1.4 without Display Stream Compression** Up to: 4 x QHD (2560x1440) @ 60Hz 3 x WQHD (3440x1440) @ 60Hz 2 x 4K (3840x2160) @ 60Hz 1 x 5K WUHD (5120x2160) @ 60Hz **DP 1.4 with Display Stream Compression** Up to: 4 x 4K (3840x2160) @ 60Hz 3 x 4K (3840x2160) @ 60Hz 2 x 6K (6144x3456) @ 60Hz 1 x 8K (7680x4320) @ 60Hz **DP 2.1 & Thunderbolt 5 with Display Stream Compression** Up to: 4 x 4K (3840x2160) @ 120Hz 3 x 4K (3840x2160) @ 120Hz 2 x 6K (6144x3456) @ 60Hz 1 x 8K (7680x4320) @ 60Hz
Video interfaces	2 x DP 1.4 1 x HDMI 2.1 1 x USB-C 3.2 Gen 2 Multi-function DisplayPort 1.4	2 x DP 1.4 1 x HDMI 2.1 1 x USB-C 3.2 Gen 2 Multi-function DisplayPort 1.4	2 x DP 1.4 1 x HDMI 2.1 1 x USB-C 3.2 Gen 2 Multi-function DisplayPort 1.4 2 x Thunderbolt 4	2 x DP 2.1 1 x HDMI 2.1 1 x USB-C 3.2 Gen 2 Multi-function DisplayPort 2.1 2 x Thunderbolt 5
Ports	4 x USB-A 3.2 Gen 2 (10 Gbps) (can deliver power without NB attached) 1 x USB-C 3.2 Gen 2 (10 Gbps)	4 x USB-A 3.2 Gen 2 (10 Gbps) (can deliver power without NB attached) 1 x USB-C 3.2 Gen 2 (10 Gbps)	4 x USB-A 3.2 Gen 2 (10 Gbps) (can deliver power without NB attached) 1 x USB-C 3.2 Gen 2 (10 Gbps)	4 x USB-A 3.2 Gen 2 (10 Gbps) (can deliver power without NB attached) 1 x USB-C 3.2 Gen 2 (10 Gbps)
Power	Power Adapter 130 Watt AC with up to 100 Watt power delivery to Dell Commercial Notebooks Up to 96 Watts power delivery to non-Dell systems	Power Adapter 180 Watt AC with up to 130 Watt power delivery to Dell Commercial Notebooks Up to 96 Watts power delivery to non-Dell systems	Power Adapter 180 Watt AC with up to 130 Watt power delivery to Dell Commercial Notebooks Up to 96 Watts power delivery to non-Dell systems	Power Adapter 330 Watt AC with up to 300 Watt power delivery to Dell Commercial Notebooks[1] Up to 240 Watts power delivery to non-Dell systems[1]
Docking interface	USB Type-C with DP Alt Mode Connector	USB Type-C with DP Alt Mode Connector	Thunderbolt 4™ (Type-C Connector)	Thunderbolt 5™ (Type-C Connector)
Cable length	0.9 m	0.9 m	0.83 m	0.83 m
	Docking Compatibility	**Docking Compatibility**	**Docking Compatibility**	**Docking Compatibility**

Technical Specification Comparison

	Dell Pro Dock – WD25Z	Dell Pro Thunderbolt 4 Dock – WD25TB4	Dell Pro Thunderbolt 5 Dock – WD25TB5
			
PC	**DP 1.4 without Display Stream Compression** Up to: 4 x HD (1280x1024) @ 60Hz 3 x FHD (1920x1080) @ 60Hz 2 x QHD (2560x1440) @ 60Hz 1 x 4K (3840x2160) @ 60Hz **DP 1.4 / DP 2.1 with Display Stream Compression** Up to: 4 x WQHD (3440x1440) @ 60Hz 3 x WQHD (3440x1440) @ 60Hz 2 x 5K (5120x2160) @ 60Hz 1 x 6K (6144x3456) @ 60Hz	**DP 1.4 without Display Stream Compression** Up to: 4 x QHD (2560x1440) @ 60Hz 4 x WQHD (3440x1440) @ 60Hz 2 x 4K (3840x2160) @ 60Hz 1 x 5K WUHD (5120x2160) @ 60Hz **DP 1.4 / DP 2.1 with Display Stream Compression** Up to: 4 x 4K (3840x2160) @ 60Hz 3 x 4K (3840x2160) @ 60Hz 2 x 6K (6144x3456) @ 60Hz 1 x 8K (7680x4320) @ 60Hz	**DP 1.4 without Display Stream Compression** Up to: 4 x QHD (2560x1440) @ 60Hz 3 x WQHD (3440x1440) @ 60Hz 2 x 4K (3840x2160) @ 60Hz 1 x 5K WUHD (5120x2160) @ 60Hz **DP 1.4 with Display Stream Compression** Up to: 4 x 4K (3840x2160) @ 60Hz 3 x 4K (3840x2160) @ 60Hz 2 x 6K (6144x3456) @ 60Hz 1 x 8K (7680x4320) @ 60Hz **DP 2.1 & Thunderbolt 5 with Display Stream Compression** Up to: 4 x 4K (3840x2160) @ 120Hz 3 x 4K (3840x2160) @ 120Hz 2 x 6K (6144x3456) @ 60Hz 1 x 8K (7680x4320) @ 60Hz
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	Docking Compatibility	**Docking Compatibility**	**Docking Compatibility**

Disclaimer

Page 4 - Technical Specification Comparison

1. Notebooks supporting Extended Power Range

Page 5 - Technical Specification Comparison

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