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DELL RUGGED GEN 2 LAPTOP DOCKING STATION

Built for the next generation of rugged mobility, the Dell Rugged Gen 2 Laptop Docking Station delivers fast, intuitive docking and expanded connectivity in a compact footprint.

Designed for the Dell Pro Rugged 14 (PR514260) and future models, its innovative auto-docking system enables true one-handed operation—just align, lower, and click securely into place.

Upgraded port replication, including easy-access front USB-A and USB-C ports, keeps critical connections close at hand, while available QUAD RF antenna pass-through supports WWAN, GPS, WLAN, and MIMO connectivity. With its space-saving, lightweight design and rugged construction, it's engineered to keep mobile teams connected, productive, and ready for whatever the workday brings.

TECHNICAL SPECIFICATIONS

WEIGHT	HEIGHT	WIDTH	DEPTH
3 lbs / 1.36 kg	2.37 in / 6.02 cm	11.25 in / 28.58 cm	10.08 in / 25.6 cm

CERTIFICATES & TESTING

- Cycle Tested: 30K Cycles, Docking Connector, Latching & Locking Mechanisms
- MIL-STD 810H Environmental Testing: Humidity, High/Low Temperature, (Storage/Operational)
- MIL-STD 810H Shock/Vibration Tested
- RoHS, REACH, FCC, CE
- SAE J1455 Shock Crash Hazard Test

ACCESSORIES

- Screen support (7110-1499)
- LIND 120W Bare Wire Automotive Power Adapter (7300-0714)
- LIND 120W DC Plug Automotive Power Adapter (7300-0713)
- LIND 12 – 32 VDC Isolated Power Supply (7300-0305)
- LIND 20 – 60 VDC Isolated Power Supply (7300-0306)
- LIND 72 – 110 VDC Isolated Power Supply (7300-0622)

FEATURES & BENEFITS

- Auto-docking design for true one-handed operation. Simply align the device with the front hooks and lower it into position. The rear docking mechanism automatically engages, guiding the device securely into the dock with an audible click.
- Improved ergonomic release mechanism enables fast, intuitive, low-effort undocking—ideal for frequent in-and-out use.
- Compatible with the Dell Pro Rugged 14 (PR514260), with easily adjustable front hooks designed to support future devices built on the Gen 2 docking platform.
- Compact, smooth, and lightweight design minimizes cabin mounting space while maximizing user comfort—without compromising ruggedness or durability.
- Casted Zinc Alloy front hooks provide enhanced strength and durability.
- Rear-facing ports with integrated cable routing and tie-offs keep connections secure, reduce cable strain, and minimize required mounting space.
- Front and side facing ports provide flexibility with accessing data and attaching accessories.
- Front indicator light displays power and docking status
- Keyed lock provides added theft deterrence.
- VESA 75 mm insert mounting pattern for flexible installation options
- 1/4"-20 Hex Head Grade 5 black zinc-coated mounting hardware included. Recommended installation torque: 50-75 in-lbs.
- Lite and Full port-replication configurations allow customers to select the connectivity, functionality, and price point that best fit their requirements.
- Optional screen support provides additional device stability.
- Optional QUAD RF (SMA) antenna pass-through available – GPS, WLAN, WWAN, MIMO
- 3-Year Limited Warranty, with extended warranty options available.



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MOUNT IT. POWER IT. CARRY IT.

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PORT REPLICATION

- (1) Serial RS232 DB9 – 1A 5 Vdc
- (3) USB-A 3.2 5gbps 1.5A 5 Vdc
- (1) USB-C 3.2 5gbps 1.5A 5 Vdc
- (1) Ethernet RJ45 1gbps 1000/100/10
- (1) HDMI optional
- (1) USB-A 3.2 5gbps 1.5A 5 Vdc (front, side)
- (1) USB-A 3.2 5gbps 0.5A 5 Vdc (front)
- (1) USB-C 2.0 480mbps 0.5A 5 Vdc (front)
- (1) Power Input 7.4mm Barrel Plug 19.5V and 120W
- QUAD-RF SMA (WWAN, GPS, WLAN, MIMO2) optional



PRODUCT SELECTION

ITEM NUMBER	DESCRIPTION	SERIAL RS232 (DB9 5V 1A)	USB-A 3.2 (5gbps 1.5A 5Vdc)	USB-A 3.2 (5gbps 0.5A 5Vdc)	USB-C 3.2 (5gbps 1.5A 5Vdc)	USB-C 2.0 (480mbps 0.5A 5 Vdc)	ETHERNET RJ45 (1gbps)	HDMI	ANTENNA PASS-THROUGH	POWER ADAPTER INCLUDED
7160-2231-00	Docking Station, Full Port, No RF	1	4*	1**	1	1**	1	1	No	No
7160-2231-04	Docking Station, Full Port, QUAD RF	1	4*	1**	1	1**	1	1	QUAD (SMA)	No
7160-2231-10	Docking Station, Lite Port, No RF	1	4*	1**	1	1**	1		No	No
7160-2231-14	Docking Station, Lite Port, QUAD RF	1	4*	1**	1	1**	1		QUAD (SMA)	No
7160-2272-00	Dell Gen 2 Laptop Cradle								No	No
7170-1274-00	KIT: Docking Station, Full Port, No RF + Power Adapter	1	4*	1**	1	1**	1	1	No	Yes
7170-1274-04	KIT: Docking Station, Full Port, QUAD RF + Power Adapter	1	4*	1**	1	1**	1	1	QUAD (SMA)	Yes
7170-1274-10	KIT: Docking Station, Lite Port, No RF + Power Adapter	1	4*	1**	1	1**	1		No	Yes
7170-1274-14	KIT: Docking Station, Lite Port, QUAD RF + Power Adapter	1	4*	1**	1	1**	1		QUAD (SMA)	Yes

* 3 rear, 1 front side
** front

INDUSTRIES



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