EMEA Rugged Accessories Guide

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Latitude 7220 Rugged Extreme Tablet
Latitude 7220EX Rugged Extreme ATEX Tablet

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Purpose-built ecosystem: Latitude 7220 Rugged Extreme Tablet

The Latitude 12 Rugged Extreme Tablet can be customized for meet your unique needs from the field to the office.

Mobility accessories

Carry the Rugged Tablet easily with available handles, straps and carry cases.

Modular expansion

Expand functionality with an Extended I/O Module (2x USB 3.0 ports + Ethernet) as well as barcode and magnetic stripe reader options

Kickstand

Keep your tablet upright for easy viewing at the desk.

Rugged Tablet Vehicle Dock

Mount securely and ergonomically in vehicles

Rugged Tablet Desk Dock

Maximize productivity by adding connectivity and battery charging at the office.

Keyboard Cover

Add an RGB backlight IP-65 keyboard for productivity on-the-go (comes with kickstand).

Active stylus*

Get the most input responsiveness with an IP65 certified active stylus.

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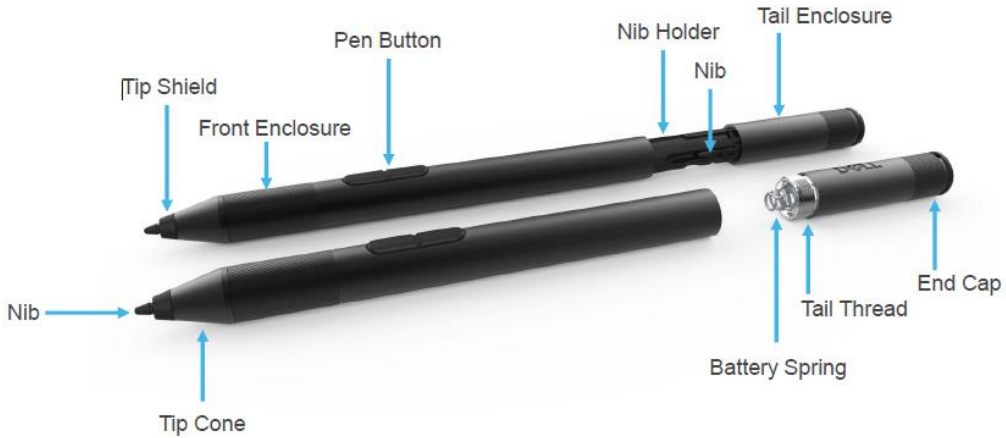
Dell Rugged Active Pen – PN720R

What: A rugged active pen that lets you write and draw on Latitude Rugged tablets utilizing MPP technology

Why: To provide customers with an active pen that can withstand the same extreme environments that their Latitude Rugged tablet is certified to work in

SMCI: Get a responsive writing and drawing experience on your Latitude Rugged tablet, even in the world's harshest environments

Compatibility: Rugged 7220 and 7220EX, not backwards compatible



Product Highlights:

Write and draw naturally on your Latitude Rugged tablet

- Pressure-sensitive responsiveness provides a pen-on-paper like experience on your Latitude Rugged tablet

Enhance your productivity, even in extreme environments

- IP-65 rating on your rugged active pen allows you to work with your tablet, even when there is dust, dirt, water, fog
- Store 4 replacement nibs in the cap of your rugged active pen for a worry-free field experience replacements nibs available in packages of 5, sold separately
- Easily select, copy, and move objects on your Latitude Rugged tablet with simple button-clicks on your active pen

750-ACHI	Active Pen for 7220
750-ACHK	Replacement tips 7220 (5pcs)
750-AAMG	Active Pen for 7212 Rugged Tablet (not compatible with 7220)

Compatible with 7220EX

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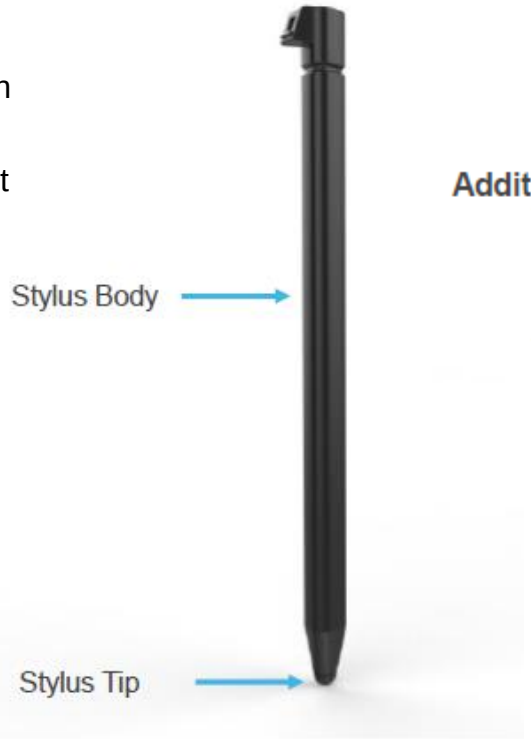
Passive stylus for 7220

- Get a natural writing and drawing experience on your rugged tablet's screen!
- The Passive Stylus provides a natural writing and drawing experience on your rugged tablet's screen.
- Passive stylus is always delivered with system, cus kit is as replacement
- Shape is different to previous generations to improve ergonomics (can be used with 7202/7212 but not garaged)

750-ACHH	Passive Stylus for 7220
750-ACHM	Replacement tips for passive 7220 stylus (5pcs)
750-ABBC	Passive Stylus for 7212 Rugged Tablet (not fitting 7220 chassis)



Additional Specs:
Width: 0.39 in
Length: 5.51 in
Height: 0.39 in

Weight: 3 oz

Compatible with 7220EX

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IP65 Keyboard Cover with Kickstand

Increase your productivity in the field by adding an IP-65 rated full-size keyboard with customizable RGB backlight to your rugged tablet. The keyboard cover also offers additional screen protection and comes with a kickstand.

Fully rugged and sealed
Don't worry about your keyboard in the field. The keyboard is ready for the worst conditions and protected from water and dust intrusion.

Customizable RGB backlight
The keyboard features a backlight that can be set to the optimal color and brightness for the environment you work in.

580-AHCC	IP65 Keyboard with Kickstand for the Latitude Rugged Extreme Tablet - Arabic
580-AGPX	IP65 Keyboard with Kickstand for the Latitude Rugged Extreme Tablet - Belgian
580-AGQB	IP65 Keyboard with Kickstand for the Latitude Rugged Extreme Tablet - French
580-AGPV	IP65 Keyboard with Kickstand for the Latitude Rugged Extreme Tablet - German
580-AGPS	IP65 Keyboard with Kickstand for the Latitude Rugged Extreme Tablet - Italian
580-AGPW	IP65 Keyboard with Kickstand for the Latitude Rugged Extreme Tablet - Nordic
580-AIBE	IP65 Keyboard with Kickstand for the Latitude Rugged Extreme Tablet - Portuguese
580-AHCD	IP65 Keyboard with Kickstand for the Latitude Rugged Extreme Tablet - Russian
580-AGPZ	IP65 Keyboard with Kickstand for the Latitude Rugged Extreme Tablet - Spanish
580-AGPU	IP65 Keyboard with Kickstand for the Latitude Rugged Extreme Tablet - UK
580-AGLP	IP65 Keyboard with Kickstand for the Latitude Rugged Extreme Tablet - US/International

*Kickstand is automatically delivered with keyboard

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Rugged tablet mobility accessories

180 Kickstand & Rigid Handle

- The Rugged kickstand has 180 degrees of freedom to allow for additional viewing angles and to prevent breakage.
- Optional rigid handle for tablet with integrated stylus garage
- 7220 rigid handle is compatible with 7212 but pen cannot be garaged

Rugged Rigid tablet handle

Tablet kickstand

460-BDBM Rigid Handle for Latitude Rugged Extreme Tablet

452-BCZQ 180 Kickstand for the Latitude Rugged Extreme Tablet

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Rugged tablet mobility accessories

Choose from a variety of accessories that attach to your Rugged Tablet to make it easier to carry and use on-the-go.

Nylon Handle
This flexible nylon handle that makes it easy grab and carry your tablet.

Shoulder Strap
This comfortable strap makes it easy to carry your tablet on your shoulder.

Cross Strap
This brace allows you to carry your tablet in the palm of your hand.

Carry Case
This case is a secure and easy way to transport your Rugged Tablet and accessories.

Chest Harness
This harness secures your tablet to your chest for easy handheld use.

460-BCHN	Shoulder Strap for Latitude Rugged Extreme Tablet	EX
460-BCHP	Cross Strap for Latitude Rugged Extreme Tablet	
460-BCHQ	Nylon Handle for Latitude Rugged Extreme Tablet	EX
460-BCHO	Chest Harness for Latitude Rugged Extreme Tablet	EX
460-BDBM	Rigid Handle for Latitude Rugged Extreme Tablet	
460-BBSZ	Carry Case for the Latitude 12 Rugged Tablet	EX

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Modular expansion for your Rugged Tablet

The Latitude 12 Rugged Tablet features the ability to connect modules that expand the functionality of the system. Each module attaches securely to the back of the tablet when needed and can be removed when not.

Extended I/O Module

- Adds 2x USB 3.0 ports and Ethernet
- Switch button on module allows to select between USB 2.0 and 3.0
- Supports

Barcode and Magnetic Stripe Reader Module
Adds a magnetic stripe reader and 1D/2D barcode reader

Dell will provide a development kit for third-party developers or customers with unique module requirements.

Extended I/O Module

590-TEXX	Extended I/O Module (2 USB, Ethernet) for Latitude 12 Rugged Tablet
590-TEUP	Scanner Module (Barcode, Magnetic Stripe), Latitude 12 Rugged Tablet

* Barcode and magnetic stripe reader will be available post-launch

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Rugged Desk Dock

Maximize productivity when the job brings you back to the office. The Rugged Tablet Desk Dock connects your tablet to a large monitor, keyboard/mouse or other peripherals as well as charging spare batteries.

Dual-bay battery charger
You can't always depend on a power source when you're out for a long day in the field. The Rugged Tablet Desk Dock allows you to charge your spare batteries, so you'll always have power when you need it most.

Support for large monitors
When you need the real estate of a large monitor or dual displays at your desk, the Rugged Tablet Desk Dock allows you to see the big picture.

452-BCBY	Dell Rugged Tablet Desk Dock - EU
452-BCBZ	Dell Rugged Tablet Desk Dock - UK
452-BCCB	Dell Rugged Tablet Desk Dock - Italian
452-BCCD	Dell Rugged Tablet Desk Dock - Swiss
452-BCCE	Dell Rugged Tablet Desk Dock - Israeli
452-BCCC	Dell Rugged Tablet Desk Dock – Danish
Based on localization	WD19 USB-C Desk dock

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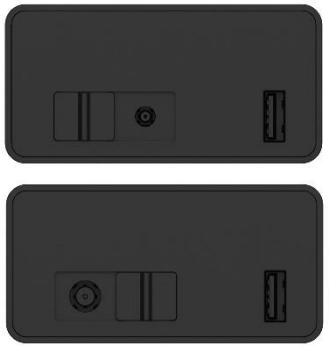
Tablet batteries charger & Auto/Air Adapters

- Charges spare tablet batteries outside of the system when docking is not an option
- Backwards compatible with first and second generation Latitude 12 Rugged Tablet batteries
- Accepts standard 7.4mm charging barrel or 4.5mm tablet charging barrel
- Charges 1st battery to 80%, 2nd to 80% and then 1st to 100% and 2nd to 100% (not both at once!)



Sliding door over barrel input options

LED indicators for readiness

451-BCDH	Dell 34 WHr 2-cell Primary Battery
451-BCCO	Rugged Tablet Battery Charger
451-BBXH	Kit-Airbay for no secondary Battery, Latitude 7202/7212
450-AFLE	65W USB-C Auto/air Adapter
450-AELT + 450-18765	90W 7.2mm barrel auto/air adapter + 7.2mm to 4.5mm barrel dongle
492-BBRL	Mini Serial to Serial Port dongle

Compatible with 7220EX

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Dell Customer Communication

Latitude Rugged 5420/5424
Latitude Rugged 7424 Extreme

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Rugged Desk Dock

Dell Rugged desk dock is the industry's first portfolio-wide dock that supports the entire family of Latitude Rugged and Rugged Extreme Notebooks with features like:

- Toolless adjustments and improved guiding features
- Better video connectivity with dual Display port outputs
- Added security with dual cable lock slots

Feature	Technical specification
Compatibility	7424 / 7414 / 7404, 7214 / 7204, 5424 / 5420 / 5414 / 5404
Video output	Display Port (2), VGA (1)
USB	USB 3.0 (3), USB 2.0 (1)
Networking	Gigabit Ethernet (1)
Legacy	RS-232 serial connector (1)
Audio	Speaker/headset output (1), Microphone (1)
Security	Kensington lock slots (2)
Power input	19.0 V DC
Dimensions	12.0" x 10.9" (adjustable) x 2.6" 30.5 x 27.7 (adjustable) x 6.7 mm
Weight	4 lbs / 1.8 kgs

452-BCKD	Dell Rugged Desk Dock - EU
452-BCKF	Dell Rugged Desk Dock - UK
452-BCKJ	Dell Rugged Desk Dock - Italian
452-BCKH	Dell Rugged Desk Dock - Swiss
452-BCKE	Dell Rugged Desk Dock - Israeli
452-BCKG	Dell Rugged Desk Dock – Danish
452-BCKI	Dell Rugged Desk Dock – SAF
Based on localization	WD19 USB-C Desk dock

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Rugged notebook mobility accessories

Choose from a variety of accessories that make it easier to carry and use Rugged Notebooks on-the-go.

Nylon Handle
Need light weight portability? This flexible and sturdy nylon handle makes it easy to carry your Latitude Rugged 5420/5424 Notebooks without adding lot of size or weight.

Shoulder Strap
This comfortable strap makes it easy to carry your notebook on your shoulder whether you are heading out into the field or to your next meeting.

Rigid Handle
Attaches simply and securely your Latitude Rugged 5420/5424 Notebooks with easy removal when necessary. The handle feels great in your hand with rubber mold for grip and a rigid polymer structure for a solid feel.

Rugged Backpack
Dell Rugged backpack offers the ultimate protection in the field for Rugged Notebooks. Made with durable material, it also provides.

460-BCHN	Shoulder Strap for Latitude Rugged
460-BCML	Dell Rugged Backpack
750-ABJT	Nylon Handle for Latitude Rugged Notebook
750-ABJR	Rigid Handle for Latitude Rugged Notebook
750-ABIN	Replacement Passive Stylus for 542x
451-BCHV	51Whr 3cell battery
451-BCHW	Battery Air Bay for the Rugged NB

Rugged Backpack

Rigid Handle

Shoulder Strap

Nylon Handle

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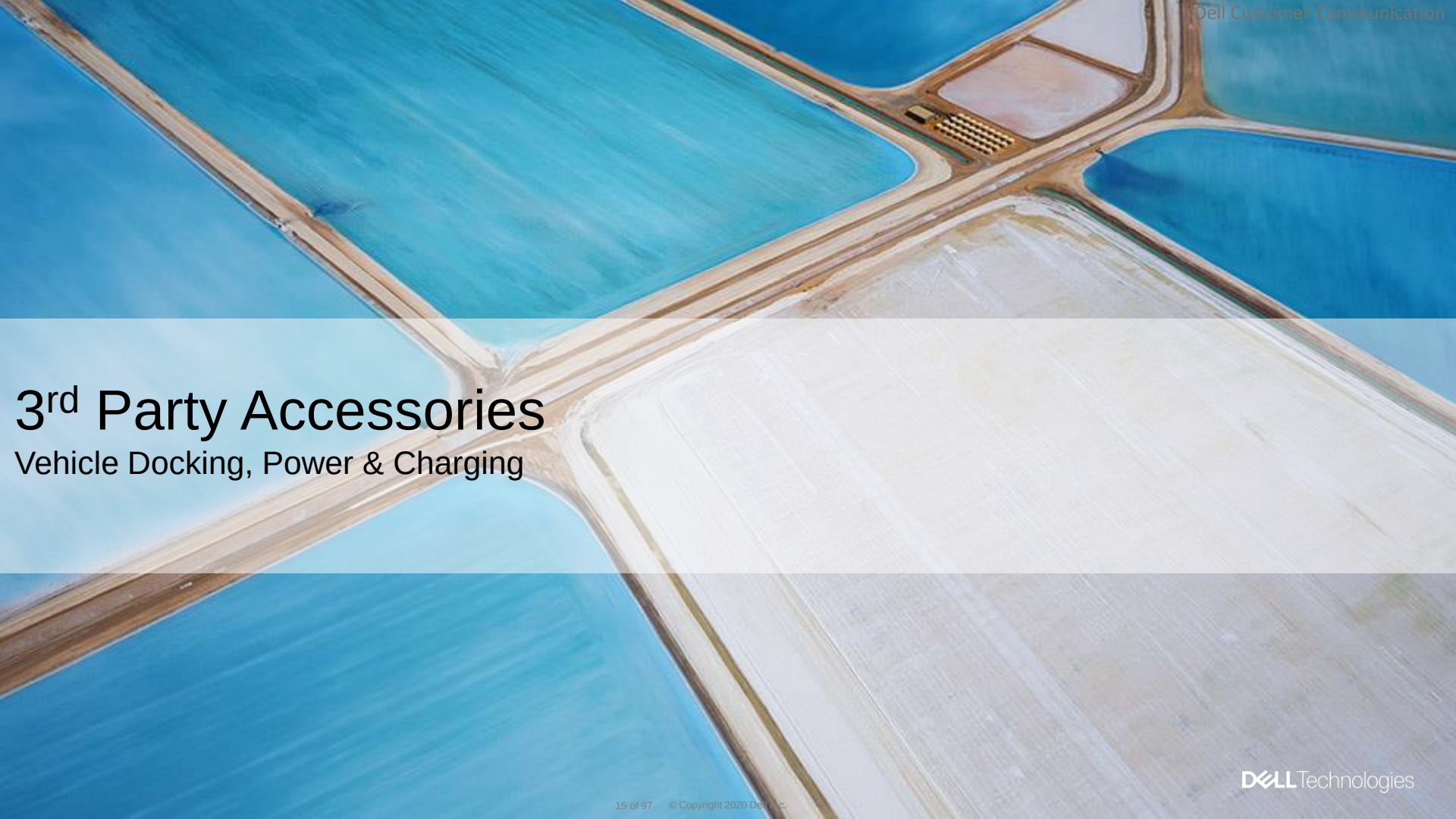

3rd Party Accessories

Vehicle Docking, Power & Charging

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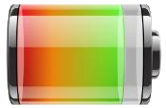
Havis Gen | SKU | Antenna

DS – DELL -601-2

Dimensions (WxDxH)	34.8x7.5x34.8 cm
Weight	2.1KG
Availability	Now – 4 Week lead time
Compatibility	Rugged Tablet

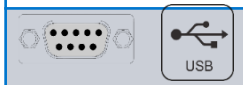
Havis Part #	Dell Part #	Ports	PSU	Antenna
DS-DELL-601	A8512639	Yes	No	No
DS-DELL-601-2		Yes	No	Yes
DS-DELL-602	A8512640	Yes	LPS-138	No
DS-DELL-602-2	A8516277	Yes	LPS-138	Yes
DS-DELL-603	A8512641	No	No	No
DS-DELL-603-2	A8673158	No	No	Yes
DS-DELL-604	A8516246	Yes	Internal	No
DS-DELL-604-2	A8516243	Yes	Internal	Yes



Power: Automotive batteries supply 12 Volts DC – also written 12V DC (like what you get from the cigarette lighter socket) , this needs to be converted from 12V to 19VDC (The PC input Voltage) via DC to DC convertor (it converts 12V to 19V). Now the challenge is some vehicles have 24 VDC or 48 VDC – so converter needs to change 48 or 24 VDC into 19VDC.

Power Supplies: There are 3 main types, internal, external and isolated. Some forklift trucks are battery powered, when the fork lift truck is being used the voltage supply to the PC can be unstable, in order to prevent any damage please use the isolated version – please read the separate guide to power.

External Antennas: If a good Wi-Fi, 3/4G or GPS signal is required it is advisable when mounted in any vehicle to use external antennas - they are fixed outside the vehicle and greatly improve the signal strength.



Port Replication: Allows for the ports on the edges/sides of the PC to be replicated via a single common connector on the bottom or back of the PC. It's the same as desk port replicators/docking stations.

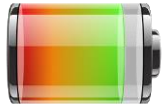
Contact:
William McGregor
wmcgregor@HAVIS.com

Havis Gen | SKU | Antenna

DS – DELL -611-2

Dimensions (WxDxH)	34.8x7.5x34.8 cm
Weight	2.1KG
Availability	Now – 4 Weeks
Compatibility	Rugged Tablet

Havis Part #	Dell Part #	Ports	PSU	Antenna
DS-DELL-611	A9732813	Yes	No	No
DS-DELL-611-2	A9732814	Yes	No	Yes
DS-DELL-612	A9732816	Yes	Yes	No
DS-DELL-612-2	A9732819	Yes	Yes	Yes
DS-DELL-613	A9732820	No	No	No
DS-DELL-613-2	A9732821	No	No	Yes
DS-DELL-616	A9732822	No	Yes	No
DS-DELL-616-2	A9732823	No	Yes	Yes

	**Power:** Automotive batteries supply 12 Volts DC – also written 12V DC (like what you get from the cigarette lighter socket) , this needs to be converted from 12V to 19VDC (The PC input Voltage) via DC to DC convertor (it converts 12V to 19V). Now the challenge is some vehicles have 24 VDC or 48 VDC – so converter needs to change 48 or 24 VDC into 19VDC.
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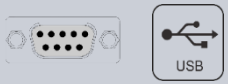	**Port Replication:** Allows for the ports on the edges/sides of the PC to be replicated via a single common connector on the bottom or back of the PC. It's the same as desk port replicators/docking stations.

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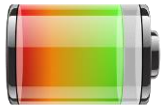
William McGregor
wmcgregor@HAVIS.com

Havis Gen | SKU

DS – DELL – 7 0 1

Dimensions (WxDxH)	32.2x7.7x19.5 cm
Weight	2.0KG
Availability	Now – 4 Weeks
Compatibility	Rugged Tablet

Havis Part #	Dell Part #	Ports	IP Rating	Serial Power
DS-DELL-701	A9607195	Yes	None	None
DS-DELL-702	A9478233	Yes	None	5V DC
DS-DELL-703		Yes	None	12 VDC
DS-DELL-704	A9589751	Yes	IP65	None
DS-DELL-705		YES	IP65	No
DS-DELL-706	A9609509	Yes	IP65	No

	**Power:** Automotive batteries supply 12 Volts DC – also written 12V DC (like what you get from the cigarette lighter socket) , this needs to be converted from 12V to 19VDC (The PC input Voltage) via DC to DC convertor (it converts 12V to 19V). Now the challenge is some vehicles have 24 VDC or 48 VDC – so converter needs to change 48 or 24 VDC into 19VDC.
	Power Supplies: There are 3 main types, internal, external and isolated. Some forklift trucks are battery powered, when the fork lift truck is being used the voltage supply to the PC can be unstable, in order to prevent any damage please use the isolated version – please read the separate guide to power.
	Serial Port: This docking station has the option to provide power to the serial port – Serial ports connect to legacy barcode scanners, weighing scales ect. The Havis 700 series dock can support, no power, 5V DC or 12 V DC.
	Port Replication: Allows for the ports on the edges/sides of the PC to be replicated via a single common connector on the bottom or back of the PC. It's the same as desk port replicators/docking stations.

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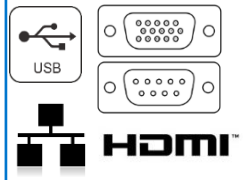
William McGregor
wmcgregor@HAVIS.com

Havis Docking for Dell Latitude 12/14 Rugged notebooks

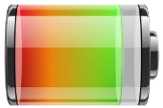
Havis Part #	Dell Part #	Ports	Power Supply	Antenna
DS-DELL-411	AA472881	Advanced	None	No
DS-DELL-411-3	AA472901	Advanced	None	Yes (x3)
DS-DELL-412	AA472902	Advanced	Bundle	No
DS-DELL-412-3	AA472917	Advanced	Bundle	Yes (x3)
DS-DELL-413	AA472919	None	None	No
DS-DELL-413-3	AA472920	None	None	Yes (x3)
DS-DELL-414	AA472929	Advanced	Internal	No
DS-DELL-414-3	AA472928	Advanced	Internal	Yes (x3)
DS-DELL-415		Simple	None	No
DS-DELL-415-3	AA472931	Simple	None	Yes (x3)
DS-DELL-416	AA472932	Simple	Bundle	No
DS-DELL-416-3	AA472933	Simple	Bundle	Yes (x3)
DS-DELL-417		Simple	Internal	No
DS-DELL-417-3	AA472935	Simple	Internal	Yes (x3)

Dimensions (WxDxH)	**31.5x6.9x27.6 cm**
Weight	**2.4KG**
Availability	**4 Weeks lead time**
Compatibility	**Rugged NB 72x4, 74x4 and 54x4**



Port Replication: Allows for the ports on the edges/sides of the PC to be replicated via a single common connector on the bottom or back of the PC. It's the same as desk port replicators/docking stations. This product comes in 2 configurations, Simple and Advance.
Simple = 1-USB2, 3-USB3, 1-LAN, 1-Audio (SP/MIC)
Advanced = 1-USB2, 3-USB3, 1-LAN, 1-Audio (SP/MIC) 2-SERIAL, 1-VGA, 1-HDMI

Power Supplies: There are 3 main types, internal, external (Bundled) and isolated. The bundled supply allow a wider input voltage range. Some forklift trucks are battery powered, when the fork lift truck is being used the voltage supply to the PC can be unstable, in order to prevent any damage please use the isolated version – please read the separate guide to power.



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wmcgregor@HAVIS.com

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Havis Antenna PKG (Package) Bundles Example

Part #	Antenna Configuration	Colour
903	WWAN/WIFI	Black
904	WWAN/WIFI	White
905*	WWAN/WIFI/GPS	Black
906*	WWAN/WIFI/GPS	White

White and Black Antenna Images (Both have cables)

Contact:
William McGregor
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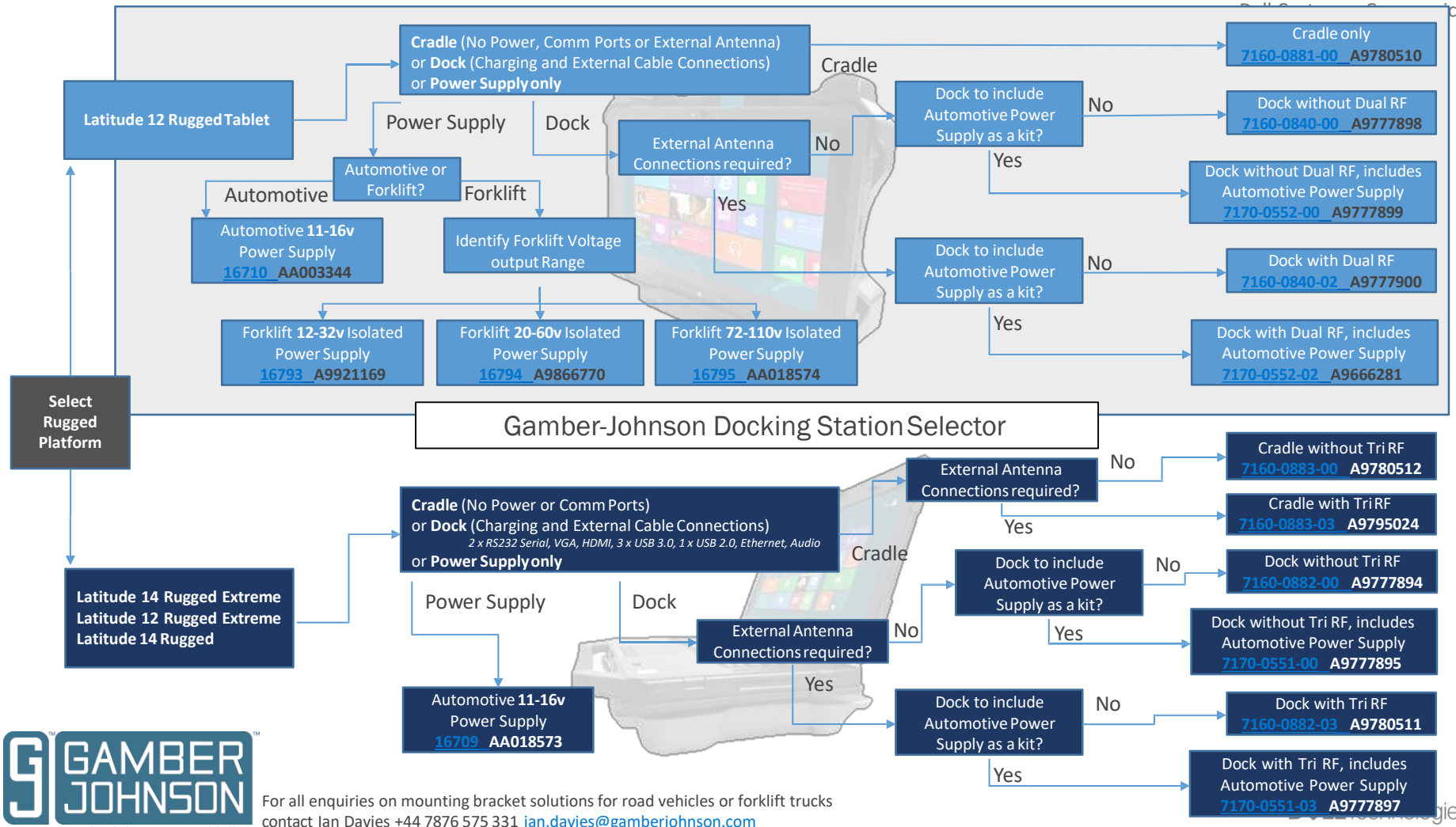
DELL Technologies



GAMBER JOHNSON

www.gamberjohnson.com/dell

For all enquiries on mounting bracket solutions for road vehicles or forklift trucks contact Ian Davies +44 7876 575 331 ian.davies@gamberjohnson.com

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Compact Dimensions	10.38” x 12.97” x 2.85” 26.4 x 32.9 x 7.2cm
Lightweight	3.6 lbs / 1.63 kg
Short Lead Time	Usually Ships in 1-2 weeks
Compatibility	Rugged Tablet
Rugged & Reliable	MIL-STD-810G – Vibration/Shock/ Temperature/Humidity ESD & EMC, 30,000 Cycle test SAE J1455 Crash Test
Accessories	Forklift & Automotive Power Supplies Mounting Brackets

- Compact “Behind the Tablet” Design
- No fail, easy-dock alignment with dual “Slam & Lock” technology
- Tablet accessory compatibility – including use of stylus
- Simple install, use and support design features

Gamber-Johnson Part Number	Dell Part Number	Description	Ports* & Power Input	Dual-RF Antenna**	Automotive Power Supply included
7160-0881-00	A9780510	Cradle			
7160-0840-00	A9777898	Dock without Dual RF	X		
7160-0840-02	A9777900	Dock with Dual RF	X	X	
7170-0552-00	A9777899	Dock without Dual RF - kit	X		X
7170-0552-02	A9666281	Dock with Dual RF - kit	X	X	X

*2 x RS232 Serial, VGA, Display Port, 3 x USB, Ethernet, Audio **WLAN & WWAN

GJ P/N	Dell P/N	Description
16793	A9921169	12-32v Forklift Power Supply
16794	A9866770	20-60v Forklift Power Supply
16795	AA018574	72-110v Forklift Power Supply
16710	AA003344	11-16v Automotive Power Supply

Click Here for more information

GAMBER JOHNSON

www.gamberjohnson.com/dell

For all enquiries on mounting bracket solutions for desk, wall, cart, road vehicle or forklift trucks contact Ian Davies +44 7876 575 331 ian.davies@gamberjohnson.com

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Compact Dimensions	10.7" - 12.85" x 12.13" x 2.36" 27.2 cm - 32.6 cm x 30.8 cm x 6.0 cm
Lightweight	5.6 lbs. / 2.5 kg
Short Lead Time	Usually Ships in 1-2 weeks
Compatibility	Latitude 14 Rugged 5404/5414/5420/5424 Latitude 14 Rugged Extreme 7404/7414/7424 Latitude 12 Rugged Extreme Convertible 7204/7214
Rugged & Reliable	MIL-STD-810G – Vibration/Shock/ Temperature/Humidity ESD & EMC, 30,000 Cycle test SAE J1455 Crash Test
Accessories	Automotive Power Supplies, Screen

- Push Button compatibility for Latitude Rugged Laptop/Convertible
- Protected com-ports, front and rear
- Floating connectors for vibration reliability
- Access to all Laptop ports when docked

Gamber-Johnson Part Number	Dell Part Number	Description	Ports* & Power Input	Tri-RF Antenna**	Automotive Power Supply included
7160-0883-00	A9780512	Cradle without Tri-RF			
7160-0883-03	A9795024	Cradle with Tri-RF		X	
7160-0882-00	A9777894	Dock without Tri-RF	X		
7160-0882-03	A9780511	Dock with Tri-RF	X	X	
7170-0551-00	A9777895	Dock without Tri-RF - Kit	X		X
7170-0551-03	A9777897	Dock with Dual RF - Kit	X	X	X

*2 x RS232 Serial, VGA, HDMI, 3 x USB 3.0, 1 x USB 2.0, Ethernet, Audio **WLAN, WWAN & GPS

GJ P/N	Dell P/N	Description
16709	AA018573	11-16v Automotive Power Supply

For all enquiries on mounting bracket solutions for desk, wall, cart, road vehicle or forklift trucks contact Ian Davies +44 7876 575 331 ian.davies@gamberjohnson.com

Click Here for more information

GAMBER JOHNSON

www.gamberjohnson.com/Dell

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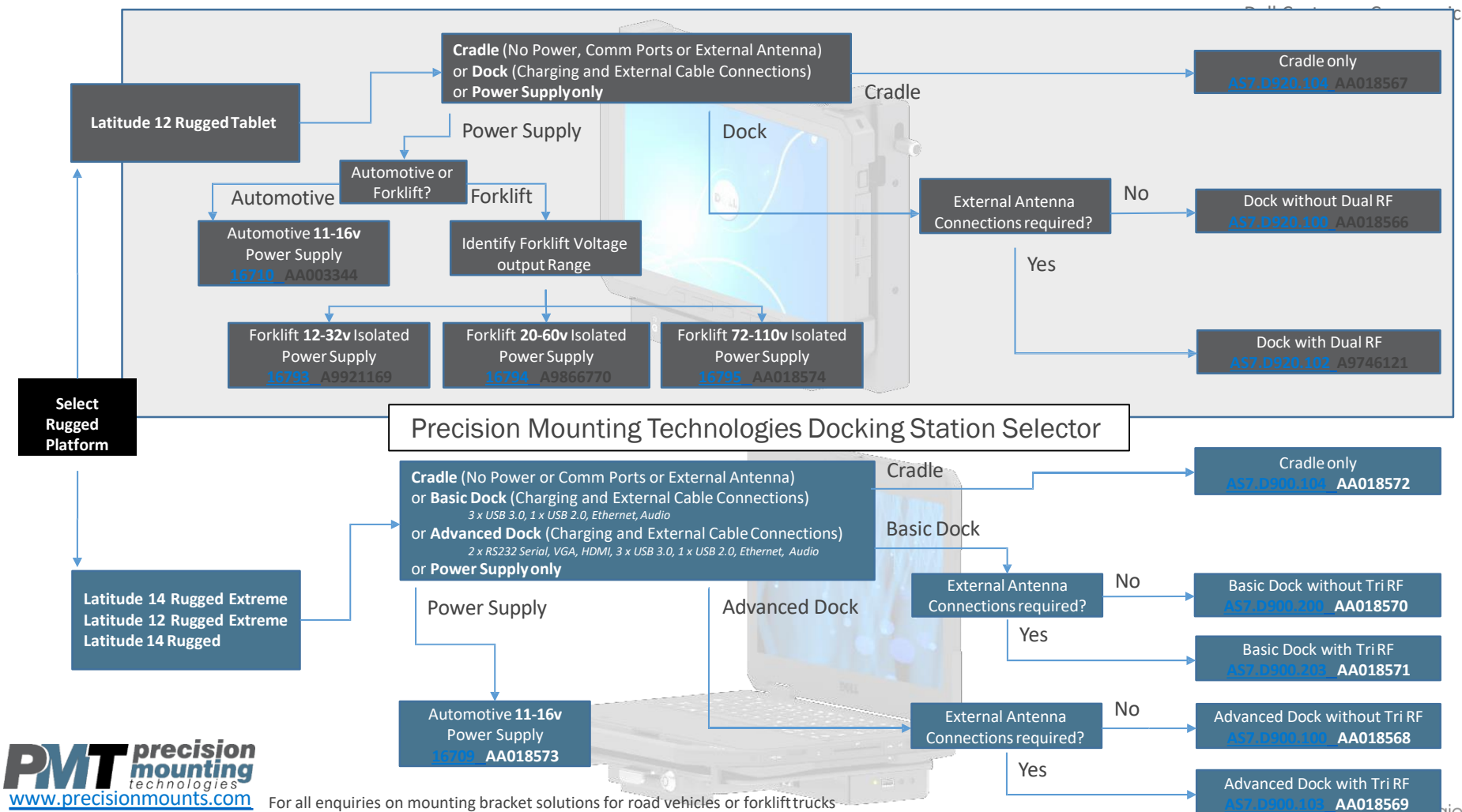

PMT precision mounting technologies
www.precisionmounts.com
PMT is a subsidiary of Gamber-Johnson

For all enquiries on mounting bracket solutions for road vehicles or forklift trucks contact Ian Davies +44 7876 575 331 ian.davies@gamberjohnson.com

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- Lowest profile demountable design on the market
- Rugged aircraft grade aluminium construction
- One handed operation ease of use
- Access to all tablet ports, expansion packs, and stylus when docked

Compact Dimensions	9.75" x 11.79" x 2.72" 24.8 x 29.9 x 6.9 cm
Lightweight	4.8 lbs / 2.18 kg
Short Lead Time	Usually Ships in 2 weeks
Compatibility	Rugged Tablet
Rugged & Reliable	MIL-STD-810G – Vibration/Shock/ Temperature ESD & EMC, 30,000 Cycle test SAE J1455 Crash Test
Accessories	Forklift & Automotive Power Supplies Mounting Brackets Protective Cover

PMT Part Number	Dell Part Number	Description	Ports* & Power Input	Dual-RF Antenna**	Automotive Power Supply included
AS7.D900.104	AA018567	Cradle			
AS7.D920.100	AA018566	Dock without Dual RF	X		
AS7.D920.102	A9746121	Dock with Dual RF	X	X	

*2 x RS232 Serial, VGA, Display Port, 3 x USB, Ethernet, Audio **WLAN & WWAN

GJP/N	Dell P/N	Description
16793	A9921169	12-32v Forklift Power Supply
16794	A9866770	20-60v Forklift Power Supply
16795	AA018574	72-110v Forklift Power Supply
16710	AA003344	11-16v Automotive Power Supply

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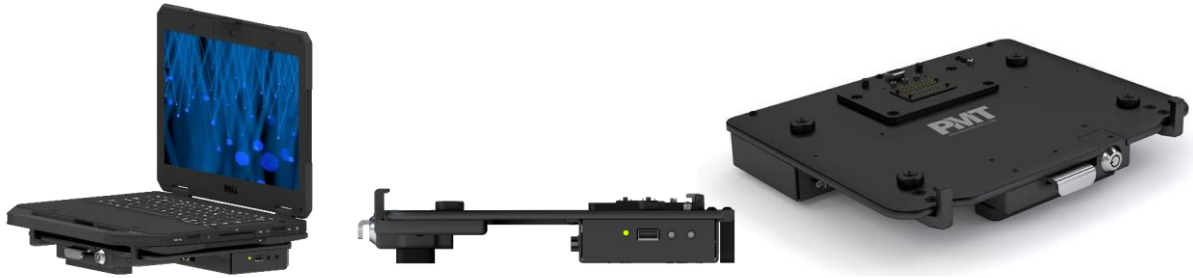

- Docking process features “Simple and Secure” auto-latching function
- Most compact footprint on the market
- Lightweight, high strength aluminium construction
- Front facing ports for cable/connector protection and reduced dock profile

Compact Dimensions	11.86" x 9.78" x 2.3" 30.12 x 24.84 x 5.85 cm
Lightweight	5.3 lbs. / 2.4 kg
Short Lead Time	Usually Ships in 2 weeks
Compatibility	Latitude 14 Rugged 5404/5414/5420/5424 Latitude 14 Rugged Extreme 7404/7414/7424 Latitude 12 Rugged Extreme Convertible 7204/7214
Rugged & Reliable	MIL-STD-810G – Vibration/Shock/ Temperature ESD & EMC, 30,000 Cycle test SAE J1455 Crash Test
Accessories	Automotive Power Supplies Screen

PMT Part Number	Dell Part Number	Description	Basic Ports* & Power Input	Advanced Ports** & Power Input	Tri-RF*** Antenna
AS7.D900.104	AA018572	Cradle			
AS7.D900.200	AA018570	Basic Dock without Tri-RF	X		
AS7.D900.203	AA018571	Basic Dock with Tri-RF	X		X
AS7.D900.100	AA018568	Advanced Dock without Tri-RF		X	
AS7.D900.103	AA018569	Advanced Dock with Tri-RF		X	X

*Basic Ports: 3 x USB 3.0, 1 x USB 2.0, Ethernet, Audio **Advanced Ports: 2 x RS232 Serial, VGA, HDMI, 3 x USB 3.0, 1 x USB 2.0, Ethernet, Audio
***WLAN, WWAN & GPS

GJP/N	Dell P/N	Description
16709	AA018573	11-16v Automotive Power Supply

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DELL Technologies

Rugged Power Solutions from Lind

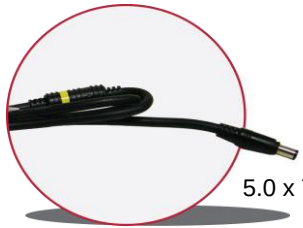
Fully Rugged Standard

Epoxy potted and housed in an ABS case for durability, and sealed to protect the adapter from moisture and high humidity, these adapters are designed to power your Dell device from your vehicle. They are equipped with many safety and technical features to ensure the highest level of performance and safe operation when charging your Dell device. Available for 12-16 or 12-32 Vdc power sources.

- **Output Power:** Up to 90 watts
- **Operating Temperature:** -20 to +40 °C
- **Storage Temperature:** -40 to +85 °C
- **Weight:** 375 g (excluding cables)
- **Dimensions:** 135 x 75 x 25 mm (excluding cables)
- **Cables:** detachable (field-replaceable)

Input Cable:

Available Output Cables:



LIND

http://www.lindelectronics.com

Lind Part #	Dell A SKU #	Input Voltage	7214	7414	7424	5414	5420	5424	7202	7212	7220
DE2045-1320	A7271159	12-16Vdc	●	●	●	●	●	●			
DE2045-1319	A0406010	12-32Vdc	●	●	●	●	●	●			
DE1950-4448	A9749440	12-16Vdc							●	●	●
DE1950-4707	A9749459	12-32Vdc							●	●	●

For all enquiries on mobile rugged power solutions contact Marcus Eisele *+49 152 0856 1191 * meisele@lindelectronics.com

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Rugged Power Solutions from Lind

Fully Rugged Extreme

These DC/DC Adapters meet the most common MIL-Standards (electrical and environmental): MIL-STD461F, MIL-STD1275D, and MIL-STD810G. They are housed in a rugged aluminum case, and are epoxy encapsulated and sealed to resist shock, moisture and dust. They also comply to RTCA/DO-160D, Section 21.

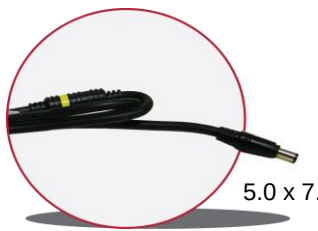
LIND

http://www.lindelectronics.com

Feature	Description
Input	11-32Vdc
EMI/RFI Characteristics:	meets MIL-STD461E, CE102, CS101, CS114, CS115, CS116, RE102, RS101, RS103
Input transient Protection:	meets MIL-STD1275B, Voltage Surge +100 VDC, Voltage Spike +/-250 VDC
Low Input Voltage Shutdown:	Auto Recovery
High Input Voltage Shutdown:	Auto Recovery
Reverse Polarity:	Auto Recovery
Short Circuit Protection:	Auto Recovery
Noise and Ripple:	meets MIL-STD1275D and MIL-STD461E CE102
Operating Temperature:	-40 to +60 DegC

Feature	Description
Storage Temperature:	-40 to +80 DegC
High Temperature:	meets MIL-STD810F, method 501.4
Low Temperature:	meets MIL-STD810F, method 502.4
Temperature Shock:	meets MIL-STD810F, method 503.4
Shock:	meets MIL-STD810F, method 516.5, proc. I
Acceleration:	meets MIL-STD810F, method 513.5, proc. I, Helicopters
Humidity:	meets MIL-STD810F, method 507.4
Salt and Fog:	meets MIL-STD810F, method 509.4
Sand and Dust:	meets MIL-STD810F, method 510.4
Vibration:	meets MIL-STD810F, method 514.5, proc. I, Category 20 Ground Vehicles

Available Output Cables:



Lind Part #	Dell A SKU #	Input Voltage	7214	7414	7424	5414	5420	5424	7202	7212	7220
MIL2045-2221	A3858876	11-32Vdc	●	●	●	●	●	●			
MIL1950-4798	A9749478	11-32Vdc							●	●	●

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Marcus Eisele +49 152 0856 1191
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Rugged Power Solutions from Lind

Fully Rugged Forklift

These adapters are especially designed for forklift and railway applications. The electrical isolation between input and output prevents ground loops, and also filters voltage spikes or power surges occurring on the input voltage line, thus eliminating potential damage to the adapter itself and to your Dell device. Available for 12-32Vdc, 20-60Vdc and 70-110Vdc power sources.

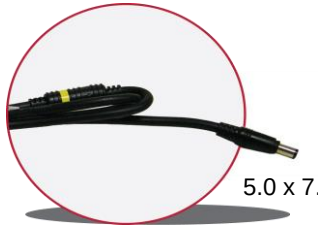
- **Output Power:** Up to 100 watts
- **Operating Temperature:** -20 to +40 °C
- **Storage Temperature:** -40 to +85 °C
- **Weight:** 415 g (excluding cables)
- **Dimensions:** 150 x 75 x 30 mm (excluding cables)
- **Mounting Hole Size:** 5.0 mm

LIND

http://www.lindelectronics.com

Lind Part #	Dell A SKU #	Input Voltage	7214	7414	7424	5414	5420	5424	7202	7212	7220
DE2045I-4709	A9749497	12-32Vdc	●	●	●	●	●	●			
DE2045I-2542	A7897908	20-60Vdc	●	●	●	●	●	●			
DE2045I-4710	A9749516	70-110Vdc	●	●	●	●	●	●			
DE1950I-4711	A9749535	12-32Vdc							●	●	●
DE1950I-4712	A9749554	20-60Vdc							●	●	●
DE1950I-4713	A9749573	70-110Vdc							●	●	●

Available Output Cables:



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Rugged Power Solutions from Lind

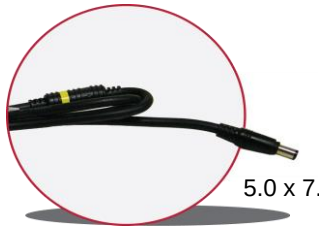
Semi Rugged All-In-One

This All-In-One AC/DC & DC/DC Combo adapter enables you to power your Dell device wherever life takes you – at the office, on the road or in the air. Through the integrated USB socket, you can simultaneously power your mobile phone, MP3 player, digital camera and other USB devices.

- **Output Power:** Up to 90 watts
- **Input Voltage AC:** 100-240Vac (50-60Hz at 2.5 amps)
- **Input Voltage DC:** 12–16 Vdc
- **USB Port:** 5Vdc / 0.6A
- **Weight:** 320 g (excluding cables)
- **Dimensions:** 145 x 75 x 25 mm (excluding cables)

Input Cables:

Available Output Cables:



5.0 x 7.4 mm

3.0 x 4.5mm

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Lind Part #	Dell A SKU #	Input Voltage	7214	7414	7424	5414	5420	5424	7202	7212	7220
ACDC7020-DE01EU	A9753165	12-16Vdc, 90-240Vac	●	●	●	●	●	●			
ACDC7020-DE01UK	A9753185	12-16Vdc, 90-240Vac	●	●	●	●	●	●			
ACDC7020-DE02EU	A9753204	12-16Vdc, 90-240Vac							●	●	●
ACDC7020-DE02UK	A9753225	12-16Vdc, 90-240Vac							●	●	●

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Rugged Power Solutions from Lind

Multi-Bay Battery Charger

http://www.lindelectronics.com

Keep your Dell Latitude Rugged Batteries fully charged with the Lind Modular Multi Bay Charger. Charge up to 16 batteries per charger with interchangeable battery bays for the Dell Latitude Rugged line of notebook and tablet computers. Lind battery chargers incorporate the highest degree of circuit protection to ensure your Dell batteries are charged properly.

Simultaneously charge Dell batteries for the 5420, 5424 and 7424 Dell Latitude Rugged Notebooks and 7202, 7212 and 7220 Tablets

Features:

- **LED Light Indicator:** Green / Yellow / Red
- **Temperature Range:** 0°C to 40°C
  NOTE: Charging outside of temp range may result in temporary stoppage of charging.
- **Input Power:** 19.5VDC (200W max draw) from a Dell Power Adapter
- **Input Power Connector:** 3.0x4.5mm (Mini-Bondi) or 5.0x7.4mm (Bondi)
- **Agency Approval:** IEC 60950-1, CB
- **Mil-Standards:** tested to MIL-STD-810G certification

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Rugged Power Solutions from Lind

Multi-Bay Battery Charger | Master Controller

Lind Part # DECHMC-5021

- **This is powered by a single Dell compatible AC Power Adapter**
  - The wattage of the AC Adapter can range from 45 to 330 watts and will determine how many batteries are charged simultaneously.
  - The higher the wattage of the AC Adapter, the higher the number of batteries being charged, lowering the overall charge time.
  - The power adapter shipped with the Dell Latitude Rugged Notebook or Tablet may be used with the charging system.
  - When charging four batteries or more, a 240W adapter is recommended for optimal charging times.
  - Higher wattage AC Adapters will charge more bays simultaneously than the lower wattage AC Adapters.
- **Allow users to daisy-chain multiple chargers to enable simultaneous charging of multiple batteries up to 16 per Master Controller**
  - Functional limit of 16 batteries to be connected to a single Master Controller
  - Any combination of bays (up to 16) may be used within the same charging system.

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Rugged Power Solutions from Lind

Multi-Bay Battery Charger | Charging Bays

The Lind 5420, 5424 and 7424 Charging Bays (DECHCB-5022 / AA560080) work in conjunction with

- the Lind Master Controller (DECHMC-5021 / AA560079) and
- a Dell AC Power Adapter.

The Lind 7202, 7212 and 7220 Charging Bays (DECHCB-5023 / AA560081) work in conjunction with

- the Lind Master Controller (DECHMC-5021 / AA560079) and
- a Dell AC Power Adapter.

The size of the Dell power adapter will determine how many bays may charge at the same time. When charging four batteries or more, a 240W AC/DC adapter is recommended for optimal charging times.

Charging time is estimated to be 8 hours for 16 bays with a 240W AC/DC adapter.

Lind Charging Bays (DECHCB-5022 and DECHCB-5023), Lind Master Controller (DECHMC-5021) and Dell AC/DC adapter are sold separately

AA560080 (Lind Part # DECHCB-5022)

AA560081 (Lind Part # DECHCB-5023)

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Other 3rd Party Accessories

Carrying, Keyboards, Backpacks..

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iKey

IK-DELL-AT

- Fully sealed, IP65
- MIL STD 810 and 461
- 4 color backlight: Blue, Red, Green, and White
- Built-in Windows multimedia controls
- Rugged latch with quick release
- Available in international layouts
- Independently supports tablet to 120 degrees without kickstand
- **DELL SKU # AA908466**

IK-DELL-SA

- Fully sealed, IP65
- MIL STD 810G
- 4 color backlight: Blue, Red, Green, and White
- Built-in Windows multimedia controls
- VESA and AMPS mounting patterns
- Available in international layouts
- **DELL SKU # AA475164**

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InfoCase

Fieldmate Accessories for the Dell Latitude Rugged 12

Ergonomic Hand Strap

This rugged, durable hand strap makes using the Dell tablet more convenient! While also increasing end user productivity and device protection in the field. Comes complete with shoulder strap for secure device retention, and hands free mobility. Also compatible with the Dell rugged handle.

Exertis Part #: TBD
InfoCase Part #: IFC-FM-D7220-HDSTP-1
Dell Part #: TBD
List Price: TBD

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Steve Gibson
Senior Vice President | InfoCase, Inc.
800-248-4844 ext. 105
Cell: 513-708-1520

See more here: www.infocase.com

DELL Technologies

InfoCase

Elastic X Strap

Slim and light weight, the X-strap provides improved ergonomics and enhanced end user productivity. It is also compatible with most vehicle docking stations.

Exertis Part #: TBD
InfoCase Part #: IFC-FM-TAB12-XSTP
Dell Part #: AA996081
List Price: TBD

Shown with optional shoulder strap
Exertis Part #: TBD
InfoCase Part #: SS-MINI
Dell Part #: TBD
List Price: $9.00

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Optional Cross Strap Options

Bormann – SKU and pricing expected in January

Possible to use with dockings and keyboards

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Cribgogh BackPack

Constrictor Global

Offering two main compartments and two external quick access pockets

Unique Design features for Hydration with an added internal hydration bladder

Unique compression system to manage the load from top to bottom and from back to front

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