

# Havis Docking Station for Panasonic Toughbook 53



## The evolution of the mobile workplace

and Business Rugged Computing combine to bring you the Havis Docking Station for the Panasonic Toughbook 53. Building on our reputation as a designer of the industry's best mobile computing solutions - Havis has developed a lightweight and strong design that is built with theft deterrence, longevity and stability in mind.

- Integrated Lind Power Supply with customized cord is routed to conceal power cord and to prevent accidental disconnects. *(DS-PAN-412 & DS-PAN-412-2 models only)*
- Dual Pass-Thru Antenna for WWAN and Wi-Fi connectivity inside your mobile workplace. *(DS-PAN-411-2 & DS-PAN-412-2 models only)*
- Low profile design maximizes available space inside of vehicle.
- Full port replication and integrated strain relieving provide simple, safe, and secure connectivity to essential peripherals.
- Rounded corners and edges are ideal for your safety in accidents and airbag deployment.
- Easy to use Latching Handle makes certain your computer is safe and secure inside your vehicle.
- Lock and key supplied for peace of mind theft deterrence.



Top: Integrated power supply cord routed for secure connection and ease of mounting. *(DS-PAN-412-2 shown)*



Bottom: Plastic foot pads on Docking Station allow for easy and proficient docking every time.

# Havis Docking Station for Panasonic Toughbook 53



Your Havis docking station not only meets MIL-STD-810G standards and Toughbook Certification, but is designed to exceed them! In-vehicle crash testing, ergonomic simulation and extreme durability testing ensure your new Toughbook 53 docking station will maximize mobile work force productivity - providing superior comfort, uncompromising safety, and a system built to the highest quality standards.



DS-PAN-411 Docking Station with a Toughbook 53 in vehicle.



Maximize peripheral options with a full range of port replication.



DS-PAN-411 Docking Station secures computer safely using Locator Pins and Hold-Down Lugs.

## Port Replication

- Best-in-class circuit and power system supports fully powered USB 3.0 and USB 2.0
- Ethernet: RJ45 (1)
- USB: Fully-Powered USB 3.0 (1)
- USB: Fully-Powered USB 2.0 (3)
- Video: VGA D-Sub 15 pin (1)
- Serial DB9 (1)
- HDMI (1)
- Input Voltage: 15.6 V DC through approved adapter
- Antenna: Dual Hi-Gain  
*(DS-PAN-411-2, DS-PAN-412-2 only)*

## Specifications

- Height: 3.44" (8.33 cm)
- Width: 13.80" (35.06 cm)
- Depth: 13.07" (33.19 cm)
- Weight: 6.65 lbs (3.0 kg)

## Certifications & Testing

- Toughbook Certified
- RoHS, CE, FCC
- Vibration Testing: MIL-STD 810G 514.5
- Impact Tested: 24 Gs on 3 Axes
- Latch Tested: 30,000 cycles
- Crash Tested: up to 30 mph
- Thermal Tested: -20° to 60° C (-4° F to 140° F)

## Havis Related Products

- 120W Power Supply (LPS-112)
- USB Powered Laptop Light (DS-DA-101)
- Screen Stiffener (DS-DA-410)
- Card Reader Mounting Bracket (DS-DA-207)
- Auto Shut Off Timer (CG-X)
- Rugged USB/Ethernet Hub (HUB-USB3-E)

| Part Number  | Ethernet | USB 3.0 | USB 2.0 | VGA | Serial | HDMI | Antenna      | Integrated Power |
|--------------|----------|---------|---------|-----|--------|------|--------------|------------------|
| DS-PAN-411   | 1        | 1       | 3       | 1   | 1      | 1    | None         | No               |
| DS-PAN-411-2 | 1        | 1       | 3       | 1   | 1      | 1    | Dual Hi-Gain | No               |
| DS-PAN-412-2 | 1        | 1       | 3       | 1   | 1      | 1    | Dual Hi-Gain | Yes              |
| DS-PAN-412   | 1        | 1       | 3       | 1   | 1      | 1    | None         | Yes              |
| DS-PAN-413*  | 0        | 0       | 0       | 0   | 0      | 0    | None         | No               |

\* Cradle only option (no electronics)

- On-site fleet audits and installation training
- Demo equipment programs and presentations
- Dedicated customer service
- Standard Three-Year Warranty on all units
- Extended Plus Warranty available



[www.L-TronDirect.com](http://www.L-TronDirect.com)

800-830-9523

[info@L-Tron.com](mailto:info@L-Tron.com)

596 Fishers Station Dr | Victor, NY | 14564 | Suite 1 A

[www.L-Tron.com](http://www.L-Tron.com)

Get in touch with us  
on social media!

