USB 3.x (5Gbps) Laptop Dock - HDMI, DVI Video, Audio, USB, Ethernet

MODEL NUMBER: **U342-DHG-402**

USB dock adds HDMI, DVI, 3.5 mm audio, Gigabit Ethernet and six USB ports to your computer, laptop or other device with a USB-A port.

Description

The U342-DHG-402 dock adds HDMI, DVI, 3.5 mm audio, Gigabit Ethernet and six USB ports to your computer, laptop or other device with a USB-A port. Two of the six USB-A ports support USB 3.2 Gen 1 speeds up to 5 Gbps. One USB 3.0 port also supports BC 1.2 charging with 5V 1.5A (7.5W) of power dedicated to fast-charging your mobile device.

The universal USB docking station features two independent external monitor outputs (HDMI, DVI) that can be used to expand or mirror your computer's main desktop. Both HDMI and DVI outputs support video resolutions up to 2048 x 1152 @ 60 Hz, including 1080p, and can be used simultaneously. A DVI monitor can be connected to the HDMI port via an HDMI-to-DVI adapter (sold separately). A VGA monitor can be connected to the DVI-I port using a DVI-to-VGA adapter (sold separately).

An all-in-one solution, the U342-DHG-402 also features audio ports for connecting a microphone and speakers, as well as an RJ45 port for connecting to a Gigabit Ethernet network. The USB dock supports true 10/100/1000 Mbps (1 Gbps) Gigabit Ethernet speeds.

The U342-DHG-402 is an ideal accessory for enhancing laptop capability for users who need to connect and manage multiple devices at home or at the office. Compatible with Windows and Mac computers.

Features

- USB 3.0 is 10 times faster than USB 2.0 and supports data transfer rates of up to 5 Gbps

- Backward compatible with USB 2.0 and 1.1

- DVI-I and HDMI ports for connection of external monitors

- A VGA monitor can be connected to the DVI-I port using a DVI-to-VGA adapter, such as a P556-Series cable

- A DVI monitor can be connected to the HDMI port using an HDMI-to-DVI adapter, such as a P566-Series cable

- Supports video resolutions of up to 2048 x 1152 @ 60 Hz

- Automatically resumes operation from hibernation and suspend modes

- Gigabit Ethernet port supports true 10/100/1000 Mbps network speeds

- IEEE 802.3az (Energy Efficient Ethernet) compliant

- Supports full duplex and half duplex operations

- Supports IPv4 and IPv6 pack Checksum Offload Engine (COE) to reduce CPU loading

- Supports Wake-on LAN, VLAN tagging and Auto-MDIX

Highlights

- Add multiple ports to your laptop via one USB 3.0 connection
- Backward compatible to USB 2.0 and 1.1
- Windows 7 and later compatible, Windows 10
- Mac OS 10.8.5 and later compatible, Mac 10.11
- Compatible with Ubuntu 14.04.2

System Requirements

- Windows® 7 / Windows 10 (32- and 64-bit), 8 (32- and 64-bit), 8.1 (32- and 64-bit) or 10 (32- and 64-bit)
- Mac OS X 10.8.5 and later, Mac 10.11
- Available USB port (USB 3.0 required for USB 3.0 speeds)
- VGA*, DVI or HDMI monitor
- 1.6 GHz Single Core processor (DVD playback on the add-on monitor requires a 2.0 GHz Dual Core processor)
- 1 GB RAM
- 30 MB of available disk space (* Requires a DVI-VGA adapter, such as P556- Series cable)

Package Includes

- U342-DHG-402
- External Power Supply with NEMA 1-15P Plug (Input: 100-240V, 50/60 Hz, 0.8A; Output: 5V, 4A), 6 ft.
- USB 3.0 A/B Cable, 3 ft.
- Driver CD
- Owner's Manual

- Two USB 3.0 and four USB 2.0 hub ports for connection of additional USB peripherals
- One USB 3.0 port supports USB Battery Charging (BC) specification 1.2, allowing it to provide 1.5 amps of power for faster charging of mobile devices
- 3.5 mm Mini Stereo jacks for connection of speaker and microphone
- Compatible with Windows 7 and later, Windows 10
- Compatible with macOS 10.8.5 and later, Mac 10.11

Specifications

OVERVIEW	
UPC Code	037332182586
Product Type	Docking Station
Technology	Cat5/5e; Cat6; DVI; HDMI; Stereo Audio; USB 3.x
Host Connector	USB A (MALE)

VIDEO	
Number of Monitors Supported	2
Video Ports	DVI-I (FEMALE); HDMI (FEMALE)
Video Ports Details	HDMI 1.3
Resolutions Supported	Both HDMI and DVI outputs support video resolutions up to 2048 x 1152 @ 60 Hz
Max Supported Video Resolution	2048 x 1152 @60Hz
Extended Mode	Yes
Extended Mode Details	Supports HDMI and DVI can be simultaneously extended at 1080p each
Mirror Mode	Yes
Mirror Mode Details	Supports HDMI and DVI can be simultaneously mirrored at 1080p each
HDR Support	No

AUDIO	
Audio Ports	(2) 3.5MM (FEMALE)
Audio Ports Details	Separate 3.5 mm mini stereo jacks for speakers and microphone

DATA	
Data Ports	(2) USB A (FEMALE)
Data Ports Details	(1) USB-A - USB 3.2 Gen 1 (5 Gbps)

NETWORK	
Network Ports	RJ45 (FEMALE)

INPUT	

AC Power Adapter Plug(s)	NEMA 1-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 0.8A
AC Power Adapter Output Specs (V / A)	5V / 4A
AC Power Adapter Cord Length (ft.)	6
AC Power Adapter Cord Length (m)	1.83
Voltage Compatibility (VAC)	100; 110; 120; 127; 200; 208; 220; 230; 240
Bus Powered	No

BATTERY

Battery Charging (5V/1.5A Port)	Yes

POWER

Power Source Type	AC Adapter
AC Adapter	Input: 100-240V, 50/60 Hz, 0.8A; Output: 5V, 4A
DC Barrel Plug	OD: 4.75 x 1.7 x 9.5mm, Positive Pin, Negative Sleeve
Power Consumption (Watts)	4.5
USB Power Delivery (PD) Charging Support	No

CONNECTIONS

Number of Ports	13
Dock Connectors	(2) 3.5mm, (2) USB-A 3.0, (4) USB-A 2.0, RJ45, HDMI, DVI-I
Side A - Connector 1	USB 3.0 A (MALE)
Side B - Connector 1	HDMI (FEMALE)
Side B - Connector 2	(2) USB 3.0 A (FEMALE)
Side B - Connector 3	DVI-I (FEMALE)
Side B - Connector 4	RJ45 (FEMALE)
Side B - Connector 5	(4) USB A (FEMALE)
Side B - Connector 6	(2) 3.5MM (FEMALE)
Connector Plating	Nickel

USER INTERFACE, ALERTS & CONTROLS

LED Indicators	Blue (Power), Green (USB)

CHARGING

Total Charging Watts	0
Charging Ports	USB-A: 5V 1.5A (7.5W)
Charging Ports / Amps	1.5A

PHYSICAL

Color	Black
Material of Construction	ABS
Shipping Dimensions (hwd / in.)	4.10 x 8.40 x 5.10
Shipping Dimensions (hwd / cm)	10.41 x 21.34 x 12.95
Shipping Weight (lbs.)	2.30
Shipping Weight (kg)	1.04
Unit Dimensions (hwd / in.)	7.400 x 1.200 x 3.000
Unit Packaging Type	Box
Unit Weight (lbs.)	1.30
Unit Weight (kg)	0.59

ENVIRONMENTAL

Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	14° to 176°F (-10° to 80°C)
Relative Humidity	0% to 90 RH, Non-Condensing
BTUs	15.4 BTU/Hr
Power Provided to Connected Device(s)	USB BC 1.2: 5V/1.5A (7.5W), USB 3.0-A: 5V/0.9A (4.5W), USB-A: 5V/0.5A (2.5W)

COMMUNICATIONS

Network Compatibility	1 Gbps (Gigabit)
IEEE Standards Supported	802.3az

FEATURES & SPECIFICATIONS

USB Hub Ports	Yes
Number of USB Hub Ports	6
USB Specification	USB 3.0 (up to 5 Gbps); USB 3.1 Gen 1 (up to 5 Gbps); USB 3.2 Gen 1 (up to 5 Gbps)
Ethernet Support	Yes
UASP Support	No
Auto MDIX Support	Yes
Full Duplex Support	Yes
Suspend Mode Support	No
Remote Wakeup Support	Yes
HDCP Specification	1.3
Driver Required	Yes
Recommended Category Cable	Cat5/Cat5e/Cat6 Cables

STANDARDS & COMPLIANCE	
TAA Compliant Option	N
External Power Supply Certifications	FCC; UL; RoHS
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty