

# gofanco®

## PRO-mDPUSB Dock

4K video docking with USB 3.0 hub and Ethernet

### User's Guide



Congratulations for owning a gofanco product. Our products aim to meet all your connectivity needs wherever you go.

Have fun with our products!

Please read this manual carefully before first use.

If you need more information about our products, please visit [www.gofanco.com](http://www.gofanco.com).

For technical support, please email us at [support@gofanco.com](mailto:support@gofanco.com).

For drivers/manuals download, please go to <http://www.gofanco.com/download>.

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## 1. Introduction

The **PRO-mDPUSB Dock** 4K video docking with USB 3.0 hub and Ethernet converts a Mini DisplayPort to either HDMI or DisplayPort output. It allows Mini DisplayPort-equipped computers, such as MacBook (NOT for MacBook 2015 line) or Surface Pro series, to connect to an HDMI or DisplayPort display. The PRO-mDPUSB Dock is also equipped with a Gigabit Ethernet and a 2-Port USB 3.0 Hub. Compact, lightweight and portable design makes it easy to carry with you. This Mini DisplayPort Video Dock with USB 3.0 LAN Hub is a versatile tool to expand and enhance your computer's connectivity performance for home use, in the office, or on the road.

## 2. Features

- DisplayPort 1.2a & HDMI 1.4 compliant
- Supports HDMI or DisplayPort output<sup>1</sup>
- Output resolution:
  - HDMI output: up to 4K2K@30
  - DP output: up to 4K2K@60
- 2-Port USB 3.0 Hub
- Supports USB 3.0 data transfer rates up to 5Gbps
- Supports Gigabit Ethernet up to 1000 Mbps
- Supports multi display modes (Mirror, Extended, Primary) through either HDMI or DisplayPort output

- HDCP 1.4 compliant
- No external power adapter required
- Ultra-compact and lightweight design

- 1. Only ONE video output can be used, either HDMI or DisplayPort. Does not support both outputs simultaneously. DisplayPort has the first priority.
- 2. Mac OS requires a driver update to enable the Ethernet port. Download this driver from [www.gofanco.com/downloads](http://www.gofanco.com/downloads). No driver installation required in Windows.

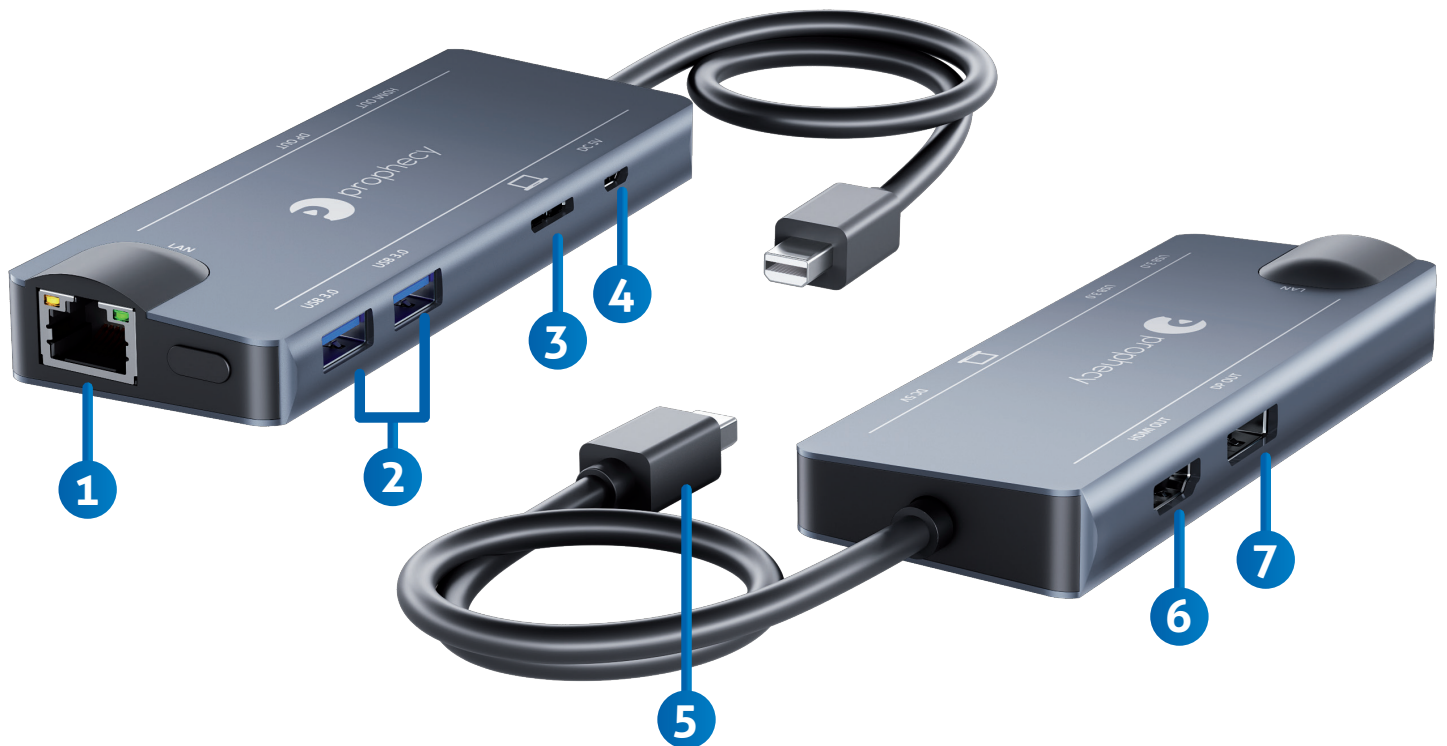
### 3. Package Contents

- 1x PRO-mDPUSB Dock
- 1x USB 2.0 A Type to Micro-USB B cable
- 1x USB 3.0 A Type to Micro B cable
- 1x User Manual

## 4. Specifications

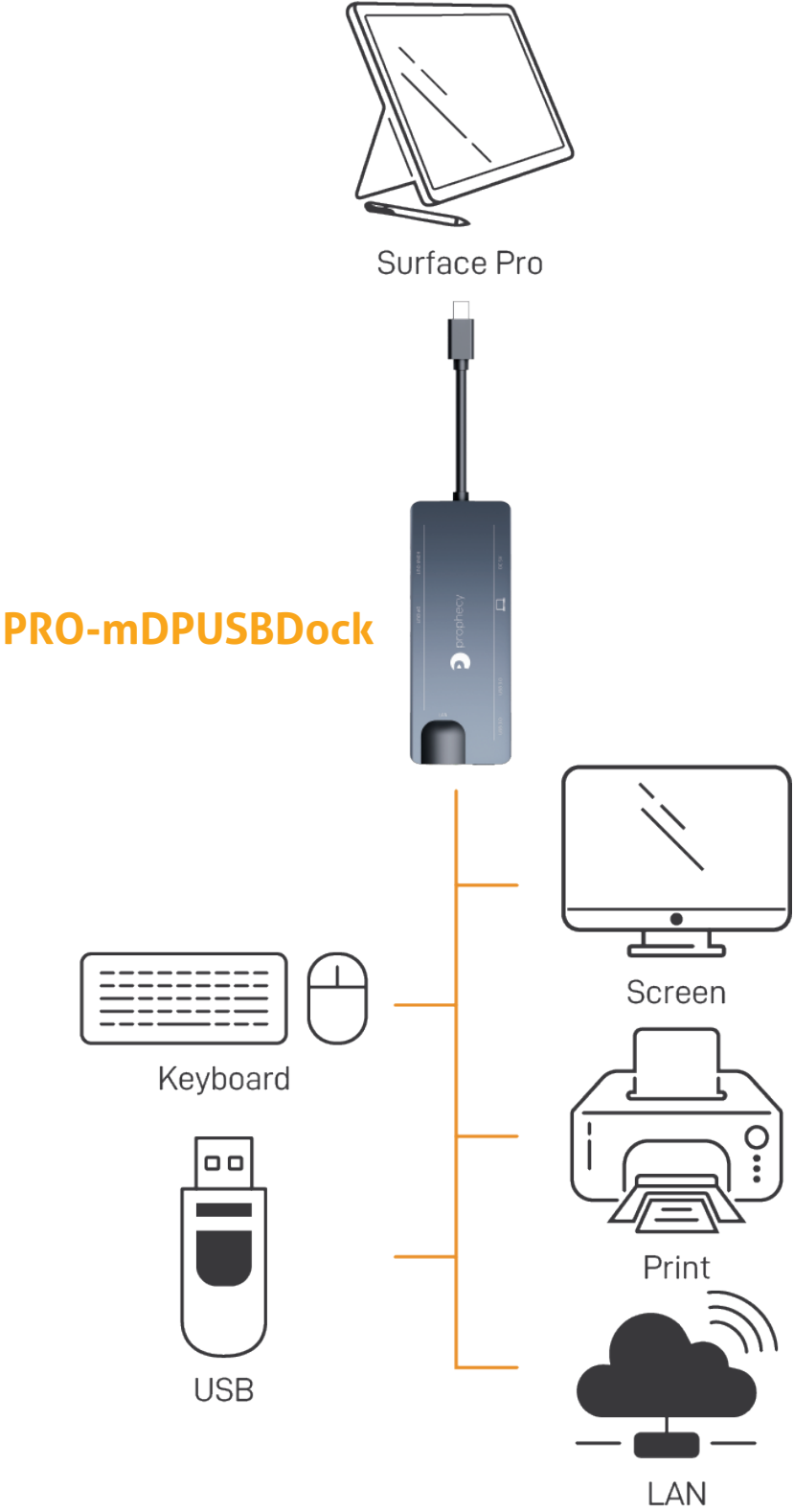
Item	Description	
Role of usage	Mini DisplayPort Video Dock	
HDMI compliance	HDMI 1.4	
DisplayPort compliance	DisplayPort 1.2a	
HDCP compliance	Yes	
Input Video bandwidth	Single-link 600MHz	
Video support	HDMI: up to 4K2K@30 DP: up to 4K2K@60	
ESD protection	Human body model — ±15kV [air-gap discharge] & ±8kV [contact discharge]	
Input	1x Mini DisplayPort + 1x USB 3.0 (Micro Type B)	
Output	1x DisplayPort + 1x HDMI + 2x USB 3.0 + 1x RJ-45	
HDMI connector	Type A [19-pin female]	
DisplayPort connector	Mini DisplayPort & DisplayPort	
RJ-45 connector	WE/SS 8P8C	
<b>Mechanical</b>		
Housing	Metal enclosure	
Dimensions [L x D x H]	Model	121 x 46 x 17mm [4.7 x 1.8" x 0.6"]
	Package	170 x 240mm [6.7" x 9.4" ]
	Carton	535 x 320 x 495mm [1'8" x 1' x 1'6"]
Weight	Model	85g [3 oz]
	Package	149g [5.2 oz]
Power supply	5V DC	
Power consumption	2 Watts [max]	
Operation temperature	0~40°C [32~104°F]	
Storage temperature	-20~60°C [-4~140°F]	
Relative humidity	20~90% RH [no condensation]	

## 5. Panel Description



- 1. RJ45 (Gigabit):** Connect to Ethernet network
- 2. USB 3.0 Hub:** Connect to USB devices such as mice, keyboards, and pen drives
- 3. USB 3.0 Micro B:** Connect to USB 3.0 Host (for USB 3.0 Hub)  
*\*Note: This connection is required to enable the USB 3.0 Hub and Ethernet port*
- 4. Micro USB:** Connect to +5V power supply (for external power if needed)
- 5. Mini DisplayPort input:** Connect to the system's Mini-DP port
- 6. HDMI output:** Connect to a HDMI display
- 7. DisplayPort output:** Connect to a DisplayPort display

# 6. Connection Diagram



## 7. Limited Warranty

The SELLER warrants the **PRO-mDPUSBDock 4K video docking with USB 3.0 hub and Ethernet** to be free from defects in the material and workmanship for 1 year from the date of purchase from the SELLER or an authorized dealer. Should this product fail to be in good working order within 1 year warranty period, The SELLER, at its option, repair or replace the unit, provided that the unit has not been subjected to accident, disaster, abuse or any unauthorized modifications including static discharge and power surge. This warranty is offered by the SELLER for its BUYER with direct transaction only. This warranty is void if the warranty seal on the metal housing is broken.

Unit that fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the time of repair. Such repairs are warranted for 90 days from the day of reshipment to the BUYER. If the unit is delivered by mail, customers agree to insure the unit or assume the risk of loss or damage in transit. Under no circumstances will a unit be accepted without a return authorization number.

The warranty is in lieu of all other warranties expressed or implied, including without limitations, any other implied warranty or fitness or merchantability for any particular purpose, all of which are expressly disclaimed.

Proof of sale may be required in order to claim warranty. Customers outside Taiwan are responsible for shipping charges to and from the SELLER. Cables and power adapters are limited to a 30 day warranty and must be free from any markings, scratches, and neatly coiled.

The content of this manual has been carefully checked and is believed to be accurate. However, The SELLER assumes no responsibility for any inaccuracies that may be contained in this manual. The SELLER will NOT be liable for direct, indirect, incidental, special, or consequential damages resulting from any defect or omission in this manual, even if advised of the possibility of such damages. **Also, the technical information contained herein regarding the PRO-mDPUSBDock features and specifications is subject to change without further notice**



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Jul, 2020 Ver. A

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