

Technical Data Sheet

USB C PD 50W Portable Power Dock Adapter for Notebooks with Built-In HDMI Output

Model Number: GM-PDU31CNA



The Gearmo GM-PDU31CNA USB-C PD Notebook Power Dock adapter is meant to replace your existing bulky power block that your notebook computer ships with. It works with any notebook that uses a type-C port connection for its power delivery method. The USB-C PD notebook power dock is a multi functional adapter with charging capability. It can be used as a USB 3.1 Gen1 two port hub through its USB-A ports and a USB 3.1 Gen1 Type-C port, all with up to 5Gbps data transmission. The adapter also allows for an HDMI connection through its HDMI A Type output port. Power is supplied from a 100V~240V AC wall outlet.

Features

- 100/240VAC Universal AC input.
- (Up-stream) USB3.1 Gen1, type C, PD
- (Down-stream) USB3.1 Gen1, type A x 2
- USB Battery Charging 1.2 Specifications.
- USB Charging Modes – SDP, CDP, DCP, with dead battery support.
- Supports Apple, Samsung Galaxy fast charging on type-C PD port.
- HDMI A type output port.
- Supports up to 192kHz audio frame rate and up to 24-bit audio sample size

Product Information

- **Model Number:** [GM-PDU31CNA](#)
- **Package Contents:**
 - (1) 50W Portable Power Dock Adapter
 - 1.5m AC Power Cord
 - 45cm USB-C to C cable
- **Optional Accessories:** N/A

Specifications

OVERVIEW	
Functions	USB 3.1 Gen1 Hub / Power Delivery to any PD Device / Portable USB Dock / Portable Charger / HDMI Video / Audio
Interface	USB and/or HDMI
Port Connections	(1) USB 3.1 Type-C (1) USB 3.1 Type-C PD (2) USB 3.1 Type-A (1) HDMI 1.4 port – All ports are female connections
Power Input	100/240VAC Universal AC

Data Speed	Up to 5Gbps
PHYSICAL FEATURES	
Construction	Plastic
Color	White
Dimensions	80mm x 61mm x 26mm
Weight	0.487 lbs.
POWER	
Input	AC 100-240V
USB-C PD Profiles	5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/2.25A
USB-A Output	5V/1.5A
Battery Charging	USB IF BC1.2 charging specifications
Power	50W Max.
PROTECTIONS	
Current	Over-Current
Voltage	Over-Voltage
Temperature	Over-Temperature
Power	Over-Power
HDMI	
Output	Female HDMI 1.4
Frame Rate	192kHz audio
Audio Sample Size	Up to 24-bit
CHARGING	
Charge (Notebook/Laptop)	USB Type-C PD
Charge (Cell Phones/Other)	USB Type-A, USB Type-C
Fast Charging	Only through USB Type-C PD port
CERTIFICATIONS / COMPATIBILITY	
Certificates	UL / FCC-Class B RoHS, GS/CE
PRODUCT URL	
GM-PDU31CNA Product Page	http://www.gearmo.com/shop/usb-c-pd-50w-notebook-power-adapter-charger-hdmi-dongle/