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# StarTech DKT30CHVGPD 4K Monitor USB-C Multiport Adapter with HDMI and VGA User Guide

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Hard-to-find **made easy**®  USB-C Multiport Adapter | HDMI | VGA | PD
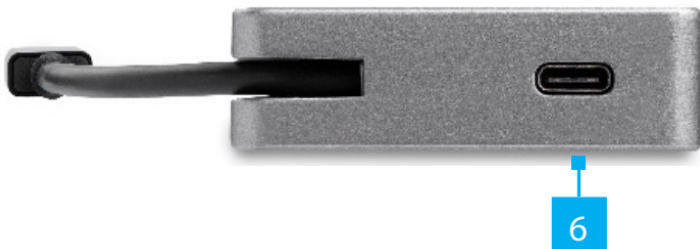
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## Product Diagram (DKT30CHVGPD)

**Front View:**



**Side View:**

| | Port/Connection | • Function |
|---|---|---|
| 1 | USB-A Port | • Connect a USB Device to the Host |
| 2 | RJ45 Port | • Connect a Network Device to the Host |
| 3 | VGA Port | • Connect a VGA Video Display Device to the Host |
| 4 | HDMI Port | • Connect an HDMI Video Display Device to the Host<br>Note: The Multiport Adapter is a single video display adapter. You can connect either an HDMI Display or a VGA Display. |
| 5 | USB-C Host Connector | • Connect the Multiport Adapter to the Host Power Delivery 3.0 (charging/power) |
| 6 | USB-C Power Port | • Connect a USB-C Power Adapter to the Host Computer<br>• Power Delivery 3.0 (charging/power) |

## Requirements

For the latest requirements, please visit **www.startech.com/DKT30CHVGPD**.

## Powering the Multiport Adapter

**USB Power Delivery 3.0**
**Fast Role Swap:**
A Fast Role Swap function is available when using Power Delivery 3.0. This function prevents USB data disruption when switching power sources (bus power to USB-C power adapter or USB-C power adapter to bus power). For this function to work, the host laptop must also support Power Delivery 3.0.
**Bus Power:**
The Multiport Adapter is powered by the Host Computer's USB-C Port and does not require a separate power adapter.

1. Connect the USB-C Connector on the Multiport Adapter to a USB-C Port on the Host Computer.
2. The Host Computer's operating system will automatically detect and install the required driver.
   **Note:** Host Computers that have a USB-C port that supports a maximum of 4.5W of Bus Power will only get RJ45 Port functionality. All other ports on the Multiport Adapter will be disabled due to insufficient Bus Power.

**USB-C Power Adapter:**
The Multiport Adapter is powered using the Host Computer's USB-C Power Adapter. The maximum power delivery input is 95W. The Multiport Adapter requires 10W of Power Delivery capacity to power the Multiport Adapter and its connected devices leaving a maximum power delivery of 85W for laptop charging.
**Note:** The Multiport Adapter's Maximum Power Delivery is based on the limitations of the Host Computer's USB-C Power Adapter.

1. Connect the Multiport Adapter's USB-C Connector to a USB-C Port on the Host Computer.
2. Connect the USB-C Connector on the Host Computer's Power Adapter to the USB-C Power Port on the Multiport Adapter. The Universal Adapter will power the Multiport Adapter and pass power through to the Host Computer.
3. Depending on the Host Computer's operating system, the Multiport Adapter will automatically detect and install the required driver.

## Connecting the Multiport Adapter

**USB-A Port**
The USB-A port can be used as a charging port (e.g. cell phone, laptop, tablet, etc.), or to connect a USB storage device (e.g. flash drive) or a USB peripheral device (e.g. keyboard, mouse, etc.).
If connecting a USB-A Device that has a cable (e.g. cell phone):

1. Connect the USB-A Device's USB-A Cable to the USB-A port on the Multiport Adapter.
2. Connect the other end of the USB-A Cable to a USB Port on your USB Device.
   If connecting a USB-A Device with no cable (e.g. flash drive):
   • Connect the USB-A Device to the USB-A port on the Multiport Adapter.
   If connecting a USB-A Device that has a built-in cable (e.g. mouse):
   • Connect the USB-A Device's USB-A Cable to the USB-A port on the Multiport Adapter.

**HDMI Port**

The HDMI Port is used to connect the Multiport Adapter to a Video Display Device.

1. Connect an HDMI cable to the HDMI Port on the Multiport Adapter.
2. Connect the other end of the HDMI cable to an HDMI In Port on a Video Display Device.

**RJ45 Port**
The RJ45 port is used to connect the Multiport Adapter to a Network Device.

1. Connect a CAT5e/CAT6 Cable to the RJ45 Port on the Multiport Adapter.
2. Connect the other end of the CAT5e/CAT6 cable to an RJ45 Port on a compatible Network Device.

**VGA Port**
The VGA port is used to connect the Multiport Adapter to a Video Display Device.

1. Connect a VGA cable to the VGA Port on the Multiport Adapter.
2. Connect the other end of the VGA cable to the VGA Port on a Video Display
   Device and tighten the two screws of either side on the VGA Connector.

## FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is  encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by StarTech.com could void the user's authority to operate the equipment.

## Industry Canada Statement

This Class B digital apparatus complies with Canadian ICES-003.
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

## IC Radiation Exposure Statement

This equipment complies with IC RSS-102 radiation exposure limit set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 0.5cm between the radiator and your body.

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## Warranty Information

This product is backed by a three-year warranty.
For further information on product warranty terms and conditions, please refer to **www.startech.com/warranty**.

## Limitation of Liability

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## Safety Measures

- If the product has an exposed circuit board, do not touch the product under power.

**StarTech.com** Ltd.
45 Artisans Cres
London, Ontario
N5V 5E9
Canada
**StarTech.com** LLP
4490 South Hamilton
Road
Groveport, Ohio
43125
The U.S.A.
**StarTech.com** Ltd.
Unit B, Pinnacle 15
Gowerton Rd,
Brackmills
Northampton
NN4 7BW
United Kingdom

## Documents / Resources



**StarTech DKT30CHVGPD 4K Monitor USB-C Multiport Adapter with HDMI and VGA** [pdf] User Guide
DKT30CHVGPD, 4K Monitor USB-C Multiport Adapter with HDMI and VGA

## References

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- StarTech.com | IT Pro's Trusted Source for Connectivity Accessories
- USB C Multiport Adapter Dock HDMI/VGA PD - Laptop Docking Stations
- StarTech.com Support
- StarTech.com Warranty Policy

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