

Travel A/V Adapter: 3-in-1 USB-C to VGA, DVI or HDMI - 4K

Product ID: CDPVGDVHDB



This 3-in-1 travel adapter offers a portable solution for connecting your USB-C computer to a VGA, DVI, or HDMI® display.

The travel adapter is compatible with your DP alt mode computer. DP alt mode means your computer can pass a DisplayPort video signal through the USB-C port.

www.startech.com 1 800 265 1844



Data Sheet

Stylish connectivity for your USB-C laptop

This travel adapter comes with a built-in black USB-C cable and works well with your Dell XPS[™], MacBook and any device that supports USB-C DP alt mode.



All-in-one video connectivity, with travel in mind

Instead of carrying three separate video adapters in your laptop bag, this 3-in-1 adapter gives you all the video outputs you'll need. With VGA, DVI and HDMI outputs, this adapter lets you connect from your laptop's USB Type-C port to almost any boardroom or classroom display, without the inconvenience of carrying a separate adapter for each display type.

With support for multiple video outputs and a small-footprint design, this adapter is the ideal plug-andplay solution for travel or BYOD (Bring Your Own Device) applications around the office.

Innovative, built-in cable manager

The adapter features a built-in cable fastener. Simply tuck the cable into place along the side of the adapter for quick and secure storage while you're traveling to ensure the adapter is neatly stored in your travel bag.

Astonishing picture quality

The HDMI output on this travel adapter supports Ultra HD 4K resolutions, providing four times the picture quality of high-definition 1080p. The HDMI output is also backward compatible with lower resolutions, such as 1080p and 720p, so the adapter is also perfect for your legacy video equipment. The VGA and DVI outputs also support high-definition maximum resolutions of up to 1920 x 1200, so you can still enjoy excellent video quality.

The travel adapter is compatible with USB Type-C Intel® Thunderbolt[™] 3 devices that are capable of outputting a DisplayPort signal.

The CDPVGDVHDB is backed by a StarTech.com 3-year warranty and free lifetime technical support.

Notes:

www.startech.com 1 800 265 1844



٠

macOS 10.12.6 or later is required for your MacBook to support this product.

• Your USB-C equipped host laptop must support video (DP alt mode) to work with this adapter. The adapter does not support USB Power Delivery.

www.startech.com 1 800 265 1844



Certifications, Reports and Compatibility









Applications

- Carry the adapter with you when you travel, and connect to almost any display
- Connect your BYOD Dell XPS, Chromebook Pixel, MacBook or other USB-C laptop or tablet to a provided VGA, DVI or HDMI display at work
- Connect a VGA, DVI or HDMI monitor to your USB-C laptop, to use as a secondary monitor

Features

- 3-in-1 adapter USB-C to VGA, USB-C to DVI and USB-C to HDMI
- Maximum portability with built-in cable manager
- Astonishing picture quality with support for UHD 4K
- Plug-and-play installation
- Small footprint
- Lightweight design
- Compatible with USB Type-C Thunderbolt 3 devices that are capable of outputting a DisplayPort signal

www.startech.com 1 800 265 1844



Hard-to-find made easy*

Data Sheet

HardwareWarranty3 YearsActive or Passive AdapterActiveAdapter StyleAdaptersAV InputUSB Type-CAV OutputDVIHDMIHDMICompositionGaChipset IDCypress - CYPD2120-24LQXIT Cypress - CYPO25525 - SCPerformanceAudio SpecificationsHDMI output - 7.1 surround soundGeneral SpecificationsONly one video output is supported on the video adapter at a time. If multiple connections are made, only one of the outputs will function.Maximum Analog Resolutions1920 x 1200 @ 60HzMaximum Digital Resolutions1920 x 1200 @ 60HzSupported Resolutions1920 x 1200 @ 60HzMaximum Digital Resolutions1920 x 1200 J260 x 2160, 1920 x 1200, 1920 x 1080, 1280 x 720Connector (s)Connector A1 - USB-(C24 pin) DisplayPort Alt Mode Male Input Connector BConnector (s)Connector A1 - USA-(15 pin, High Density D-Sub) Female Output 1 - IDMI (19 pin) Female OutputSpecial Notes / RequirementsNote support this product.Special Notes / RequirementsMaxim and Cable RequirementsSystem and Cable RequirementsSupport or usupport DisplayPort over USB-C(De pin Ait mode) in order to work with this adapter.FurinomentalHumiditySo-95%.RH			
Adapter Style Adapters AV Input USB Type-C AV Output DVI HDMI VGA Chipset ID Cypress - CYPD2120-24LQXIT Cypress - CYPD250-9EC Performance Audio Specifications HDMI output - 7.1 surround sound General Specifications HOMI output - 7.1 surround sound General Specifications HOMI output - 7.1 surround sound Maximum Analog Resolutions 1920 x 1200 @ 60Hz Maximum Digital Resolutions 1920 x 1200 @ 60Hz Maximum Digital Resolutions 3840 x 2160 @ 30Hz Supported Resolutions DVI and VGA output: 1920 x 1200, 1920 x 1080, 1280 x 720 Video Revision DisplayPort 1.2 HDMI 1.4 Wide Screen Supported Yes Connector(s) Connector A 1 - USB-C (24 pin) DisplayPort Alt Mode Male Input Connector F 1 - VGA (15 pin, High Density D-Sub) Female Output J - DVI - 1 (29 pin) Female Output 1 - DVI-1 (29 pin) Female Output Special Notes / Requirements MacOptier Point In this adapter. The adapter does not support video (DP alt mode) to work with this adapter.		Warranty	3 Years
AV InputUSB Type-CAV OutputD/IHDMIHOMIVGAChipset IDCypress - CYPC5217 Cypress - CYPC5217 Analogix - ANX9847FN-A-R MegaChips - MCDP2850-BCPerformanceAudio SpecificationsHDMI output - 7.1 surround soundGeneral SpecificationsHDMI output - 7.1 surround soundGeneral Specifications1920 x 1200 @ 60H2Maximum Analog Resolutions1920 x 1200 @ 60H2Maximum Digital Resolutions1920 x 1200 @ 60H2Maximum Digital Resolutions1920 x 1200 @ 60H2Maximum Digital Resolutions1920 x 1200 @ 10H2Video RevisionDisplayPort 1.2 HDMI output : 1920 x 1200, 1920 x 1080, 1280 x 720Video RevisionDisplayPort 1.2 HDMI 1.4Wide Screen SupportedYesConnector (s)Connector A 	Hardware	Active or Passive Adapter	Active
AV Output DVI HDMI VGA Chipset ID Cypress - CYPD2120-24LQXIT Cypress - CYPC5217 Analogix - AMX9847PN-A-R MegaChips - MCDP2850-BC Performance Audio Specifications General Specifications DOIl one video output is supported on the video adapter at a time. If multiple connections are made, only one of the outputs will function. Maximum Analog Resolutions 1920 x 1200 @ 60Hz Maximum Digital Resolutions 1920 x 1200 @ 60Hz Maximum Digital Resolutions 1920 x 1200 @ 60Hz Maximum Digital Resolutions 1920 x 1200 @ 60Hz Video Revision DVI and VGA output: 1920 x 1200, 1920 x 1200, 1920 x 1080, 1280 x 720 DVI and VGA output: 1920 x 1200, 1920 x 1080, 1280 x 720 DVI and VGA output: 1920 x 1200, 1920 x 1080, 1280 x 720 Connector(s) Connector A 1 - USB-C (24 pin) DisplayPort Alt Mode Male Input Connector(s) Connector B 1 - VGA (15 pin, High Density D-Sub) Female Output Note macOS 10.12.6 or later is required for your MacBook to support this product. Your USB-C equipped host laptop must support video (DP alt mode) to work with this adapter. Special Notes / Your USB-C port must support JosplayPort over USB-C (DP Alt mode) in order to work with this adapter.		Adapter Style	Adapters
HDMI VGA Chipset ID Cypress - CYPD2120-24LQXIT Cypress - CYPC65217 Analogits - ANX9847FN-AA-R MegaChips - MCDP2850-BC Medio Specifications Performance Audio Specifications Only one video output is supported on the video adapter at a time. If multiple connections are made, only one of the outputs will function. Maximum Analog Resolutions 1920 x 1200 @ 60Hz Maximum Digital Resolutions 3840 x 2160 @ 30Hz Supported Resolutions HDMI output: 3840 x 2160, 2560 x 1600, 1920 x 1200, 1920 x 1080, 1280 x 720 Video Revision DVI and VGA output: 1920 x 1200, 1920 x 1080, 1280 x 720 Video Revision DisplayPort 1.2 HDMI 1.4 Wide Screen Supported Yes Connector (s) Connector A 1 - USB-C (24 pin) DisplayPort Alt Mode Male Input - DVI-I (29 pin) Female Output - DVI-I (29 pin) Female Output Special Notes / Requirements Note machine is required for your MacBook to support Uis product. Your USB-C equipped host laptop must support video (DP alt mode) to work with this adapter. The adapter does not support USB Power Delivery.		AV Input	USB Type-C
VGA Chipset ID Cypress - CYPD2120-24UQXIT Cypress - CY7C65217 Analogix - ANX9847FN-AA-R MegaChips - MCDP250-BC Performance Audio Specifications HDMI output - 7.1 surround sound General Specifications Only one video output is supported on the video adapter at a time. If multiple connections are made, only one of the outputs will function. Maximum Analog Resolutions 1920 x 1200 @ 60Hz Maximum Digital Resolutions 3840 x 2160 @ 30Hz Supported Resolutions 3840 x 2160 @ 30Hz Video Revision 1920 x 1200 @ 60Hz Video Revision DisplayPort 1.2 Wide Screen Supported Yes Connector (s) Connector B 1 - USB-C (24 pin) DisplayPort Alt Mode Male Input Connector B 1 - VGA (15 pin, High Density D-Sub) Female Output 1 - UVI-1 (29 pin) Female Output 1 - UVI-1 (29 pin) Female Output 1 - UVI-1 (29 pin) Female Output 1 - UVI-1 (29 pin) Female Output 1 - UVI-1 (29 pin) Female Output 1 - UVI-1 (29 pin) Female Output 1 - UVI-1 (29 pin) Female Output 1 - UVI-1 (29 pin) Female Output 1 - UVI-1 (29 pin) Female Output 1 - UVI-1 (29 pin) Female Output 1 - UVI-1 (29 pin) Female Output 1 - UVI-1 (29 pin) F		AV Output	DVI
Chipset ID Cypress - CYPD2120-24LQXIT Cypress - CY7C65217 Analogix - ANX9847FN-AA-R MegaChips - MCD2850-BC Performance Audio Specifications HDMI output - 7.1 surround sound General Specifications Only one video output is supported on the video adapter at a time. If multiple connections are made, only one of the outputs will function. Maximum Analog Resolutions 1920 x 1200 @ 60Hz Maximum Digital Resolutions 3840 x 2160 @ 30Hz Supported Resolutions Byplat add x 2160, 2560 x 1600, 1920 x 1200, 1920 x 1200, 1920 x 1080, 1280 x 720 Video Revision DisplayPort 1.2 HDMI 1.4 Wide Screen Supported Yes Connector(s) Connector B 1 - USB-C (24 pin) DisplayPort Alt Mode Male Input 1 - DVI-1 (29 pin) Female Output 1 - DVI-1 (29 pin) Female Output Special Notes / Requirements Note macOS 10.12.6 or later is required for your MacBook to support USB Power Delivery. System and Cable Requirements Your USB-C cept must support DisplayPort over USB-C (DP Alt mode) in order to work with this adapter.			HDMI
Cypress - CY7C65217 Analogix - ANX9947FN-AA-R MegaChips - MCD2850-BC Performance Audio Specifications General Specifications Only one video output is supported on the video adapter at a time. If multiple connections are made, only one of the outputs will function. Maximum Analog Resolutions 1920 x 1200 @ 60Hz Maximum Digital Resolutions 3840 x 2160 @ 30Hz Supported Resolutions HDMI output: 3840 x 2160, 2560 x 1600, 1920 x 1200, 1920 x 1200, 1920 x 1080, 1280 x 720 Video Revision DVI and VGA output: 1920 x 1200, 1920 x 1080, 1280 x 720 Video Revision DisplayPort 1.2 HDMI 1.4 Wide Screen Supported Video Screen Supported Yes Connector(s) Connector A 1 - USB-C (24 pin) DisplayPort Alt Mode Male Input Connector B 1 - VGA (15 pin, High Density D-Sub) Female Output 1 - DVI-I (29 pin) Female Output 1 - DVI-I (29 pin) Female Output 1 - HDMI (19 pin) Female Output 1 - HDMI (19 pin) Female Output Special Notes / Note macOS 10.12.6 or later is required for your MacBook to support tils product. Your USB-C equipped host latop must support video (DP alt mode) to work with this adapter. The adapter does not support USB Power Delivery. System and Cable Requireme			VGA
General Specifications Only one video output is supported on the video adapter at a time. If multiple connections are made, only one of the outputs will function. Maximum Analog Resolutions 1920 x 1200 @ 60Hz Maximum Digital Resolutions 3840 x 2160 @ 30Hz Supported Resolutions HDMI output: 3840 x 2160, 2560 x 1600, 1920 x 1200, 1920 x 1200, 1920 x 1080, 1280 x 720 DVI and VGA output: 1920 x 1200, 1920 x 1080, 1280 x 720 DVI and VGA output: 1920 x 1200, 1920 x 1080, 1280 x 720 Video Revision DisplayPort 1.2 HDMI 1.4 Wide Screen Supported Video Revision 1 - USB-C (24 pin) DisplayPort Alt Mode Male Input Connector(s) Connector A 1 - USB-C (24 pin) DisplayPort Alt Mode Male Input Special Notes / Note macOS 10.12.6 or later is required for your MacBook to support this product. Support this product. Your USB-C quipped host laptop must support video (DP alt mode) to work with this adapter. The adapter does not support USB Power Delivery.		Chipset ID	Cypress - CY7C65217 Analogix - ANX9847FN-AA-R
a time. If multiple connections are made, only one of the outputs will function. Maximum Analog Resolutions 1920 x 1200 @ 60Hz Maximum Digital Resolutions 3840 x 2160 @ 30Hz Supported Resolutions HDMI output: 3840 x 2160, 2560 x 1600, 1920 x 1200, 1920 x 1200, 1920 x 1080, 1280 x 720 DVI and VGA output: 1920 x 1200, 1920 x 1080, 1280 x 720 DVI and VGA output: 1920 x 1200, 1920 x 1080, 1280 x 720 Video Revision DisplayPort 1.2 HDMI 1.4 HDMI 1.4 Wide Screen Supported Yes Connector (s) Connector A 1 - USB-C (24 pin) DisplayPort Alt Mode Male Input Connector B 1 - VGA (15 pin, High Density D-Sub) Female Output 1 - DVI-I (29 pin) Female Output 1 - DVI-I (29 pin) Female Output Special Notes / Requirements Note support USB-C equipped host laptop must support video (DP alt mode) to work with this adapter. The adapter does not support USB Power Delivery. System and Cable Requirements Your USB-C port must support DisplayPort over USB-C (DP Alt mode) in order to work with this adapter.	Performance	Audio Specifications	HDMI output - 7.1 surround sound
Maximum Digital Resolutions 3840 x 2160 @ 30Hz Supported Resolutions HDMI output: 3840 x 2160, 2560 x 1600, 1920 x 1200, 1920 x 1200, 1920 x 1080, 1280 x 720 DVI and VGA output: 1920 x 1200, 1920 x 1080, 1280 x 720 DVI and VGA output: 1920 x 1200, 1920 x 1080, 1280 x 720 Video Revision DisplayPort 1.2 HDMI 1.4 Wide Screen Supported Yes Connector(s) Connector A 1 - USB-C (24 pin) DisplayPort Alt Mode Male Input Connector B 1 - VGA (15 pin, High Density D-Sub) Female Output 1 - DVI-I (29 pin) Female Output 1 - UDVI-I (29 pin) Female Output Special Notes / Requirements Note macOS 10.12.6 or later is required for your MacBook to support tils product. Your USB-C equipped host laptop must support video (DP alt mode) to work with this adapter. The adapter does not support USB Power Delivery. System and Cable Requirements		General Specifications	a time. If multiple connections are made, only one of the
Supported Resolutions HDMI output: 3840 x 2160, 2560 x 1600, 1920 x 1200, 1920 x 1200, 1920 x 1080, 1280 x 720 DVI and VGA output: 1920 x 1200, 1920 x 1080, 1280 x 720 DVI and VGA output: 1920 x 1200, 1920 x 1080, 1280 x 720 Video Revision DisplayPort 1.2 HDMI 1.4 Wide Screen Supported Yes Connector(s) Connector A 1 - USB-C (24 pin) DisplayPort Alt Mode Male Input Connector B 1 - VGA (15 pin, High Density D-Sub) Female Output 1 - DVI-I (29 pin) Female Output 1 - DVI-I (29 pin) Female Output Special Notes / Requirements Note macOS 10.12.6 or later is required for your MacBook to support tils product. Your USB-C equipped host laptop must support video (DP alt mode) to work with this adapter. The adapter does not support USB Power Delivery. System and Cable Requirements		Maximum Analog Resolutions	1920 x 1200 @ 60Hz
1920 x 1080, 1280 x 720 DVI and VGA output: 1920 x 1200, 1920 x 1080, 1280 x 720 Video Revision DisplayPort 1.2 HDMI 1.4 Wide Screen Supported Yes Connector(s) Connector A 1 - USB-C (24 pin) DisplayPort Alt Mode Male Input Connector B 1 - VGA (15 pin, High Density D-Sub) Female Output 1 - DVI-I (29 pin) Female Output 1 - USB-C (24 pin) DisplayPort Alt Mode Male Input Special Notes / Requirements Note macOS 10.12.6 or later is required for your MacBook to support this product. Your USB-C equipped host laptop must support video (DP alt mode) to work with this adapter. The adapter does not support USB Power Delivery. System and Cable Requirements		Maximum Digital Resolutions	3840 x 2160 @ 30Hz
720Video RevisionDisplayPort 1.2 HDMI 1.4Wide Screen SupportedYesConnector(s)Connector AConnector B1 - USB-C (24 pin) DisplayPort Alt Mode Male InputConnector B1 - VGA (15 pin, High Density D-Sub) Female Output1 - DVI-I (29 pin) Female OutputSpecial Notes / RequirementsNoteSystem and Cable RequirementsYour USB-C port must support DisplayPort over USB-C (DP Alt mode) in order to work with this adapter.		Supported Resolutions	-
HDMI 1.4 Wide Screen Supported Yes Connector(s) Connector A 1 - USB-C (24 pin) DisplayPort Alt Mode Male Input Connector B 1 - VGA (15 pin, High Density D-Sub) Female Output 1 - DVI-I (29 pin) Female Output 1 - DVI-I (29 pin) Female Output Special Notes / Note macOS 10.12.6 or later is required for your MacBook to support this product. Your USB-C equipped host laptop must support video (DP alt mode) to work with this adapter. The adapter does not support USB Power Delivery. Your USB-C port must support DisplayPort over USB-C (DP Alt mode) in order to work with this adapter.			
Wide Screen SupportedYesConnector(s)Connector A1 - USB-C (24 pin) DisplayPort Alt Mode Male InputConnector B1 - VGA (15 pin, High Density D-Sub) Female Output1 - DVI-I (29 pin) Female Output1 - DVI-I (29 pin) Female OutputSpecial Notes / RequirementsNotemacOS 10.12.6 or later is required for your MacBook to support this product.Special Notes / RequirementsSystem and Cable RequirementsYour USB-C equipped host laptop must support video (DP alt mode) to work with this adapter. The adapter does not support USB Power Delivery.		Video Revision	DisplayPort 1.2
Connector(s) Connector A 1 - USB-C (24 pin) DisplayPort Alt Mode Male Input Connector B 1 - VGA (15 pin, High Density D-Sub) Female Output 1 - DVI-I (29 pin) Female Output 1 - HDMI (19 pin) Female Output Special Notes / Note macOS 10.12.6 or later is required for your MacBook to support this product. Your USB-C equipped host laptop must support video (DP alt mode) to work with this adapter. The adapter does not support USB Power Delivery. System and Cable Requirements Your USB-C port must support DisplayPort over USB-C (DP Alt mode) in order to work with this adapter.			HDMI 1.4
Connector B 1 - VGA (15 pin, High Density D-Sub) Female Output 1 - DVI-I (29 pin) Female Output 1 - HDMI (19 pin) Female Output Special Notes / Requirements Note macOS 10.12.6 or later is required for your MacBook to support this product. Your USB-C equipped host laptop must support video (DP alt mode) to work with this adapter. The adapter does not support USB Power Delivery. System and Cable Requirements Your USB-C port must support DisplayPort over USB-C (DP Alt mode) in order to work with this adapter.		Wide Screen Supported	Yes
1 - DVI-I (29 pin) Female Output 1 - HDMI (19 pin) Female Output Special Notes / Requirements Note MacOS 10.12.6 or later is required for your MacBook to support this product. Your USB-C equipped host laptop must support video (DP alt mode) to work with this adapter. The adapter does not support USB Power Delivery. System and Cable Requirements Your USB-C port must support DisplayPort over USB-C (DP Alt mode) in order to work with this adapter.	Connector(s)	Connector A	1 - USB-C (24 pin) DisplayPort Alt Mode Male Input
Special Notes / Requirements Note macOS 10.12.6 or later is required for your MacBook to support this product. Your USB-C equipped host laptop must support video (DP alt mode) to work with this adapter. The adapter does not support USB Power Delivery. System and Cable Requirements Your USB-C port must support DisplayPort over USB-C (DP Alt mode) in order to work with this adapter.		Connector B	1 - VGA (15 pin, High Density D-Sub) Female Output
Special Notes / Requirements Note macOS 10.12.6 or later is required for your MacBook to support this product. Your USB-C equipped host laptop must support video (DP alt mode) to work with this adapter. The adapter does not support USB Power Delivery. System and Cable Requirements Your USB-C port must support DisplayPort over USB-C (DP Alt mode) in order to work with this adapter.			1 - DVI-I (29 pin) Female Output
Requirements support this product. Your USB-C equipped host laptop must support video (DP alt mode) to work with this adapter. The adapter does not support USB Power Delivery. System and Cable Requirements Your USB-C port must support DisplayPort over USB-C (DP Alt mode) in order to work with this adapter.			1 - HDMI (19 pin) Female Output
mode) to work with this adapter. The adapter does not support USB Power Delivery.System and Cable RequirementsYour USB-C port must support DisplayPort over USB-C (DP Alt mode) in order to work with this adapter.	•	Note	
Alt mode) in order to work with this adapter.			mode) to work with this adapter. The adapter does not
Environmental Humidity 5~95% RH		System and Cable Requirements	
	Environmental	Humidity	5~95% RH



Data Sheet

	Operating Temperature	5°C to 35°C (41°F to 95°F)	
	Storage Temperature	-40°C to 70°C (-40°F to 158°F)	
Physical Characteristics	Cable Length	3.5 in [90 mm]	
	Color	Black & Silver	
	Enclosure Type	Plastic	
	Product Height	0.7 in [18 mm]	
	Product Length	4.3 in [110 mm]	
	Product Weight	2.4 oz [67 g]	
	Product Width	2.4 in [60 mm]	
Packaging Information	Shipping (Package) Weight	0.4 lb [0.2 kg]	
What's in the Box	Included in Package	1 - USB-C travel adapter	

Product appearance and specifications are subject to change without notice.

www.startech.com 1 800 265 1844