

### Overview

### Models

HP USB 3.0 to Gigabit RJ45 Adapter	N7P47AA
HP USB-C™ to USB 3.0	N2Z63AA
HP USB-C™ to 3 mm and 4.5 mm Power Adapter	N2Z65AA
HP USB-C™ to RJ45/USB 3.0/USB-C	N2Z64AA
HP USB-C™ to RJ45	V7W66AA
HP USB-C™ to USB-A Hub	Z6A00AA
HP USB-A to USB-C Dongle	3RV49AA
HP Elite USB-C Hub	4WX89AA
HP USB-C to 4.5mm Adapter	4ST73AA

#### HP USB 3.0 to Gigabit RJ45 Adapter

Convert your notebook's high-speed USB 3.0 connection to a fast 10/100/1000 Ethernet connection with the USB 3.0 to Giga LAN Adapter.

#### HP USB-C™ to USB 3.0

Convert your notebook or tablet's USB-C™ port to USB 3.0 with the HP USB-C™ to USB 3.0 Adapter.

#### HP USB-C™ to 3 mm and 4.5 mm Power Adapter

Travel light with the HP USB-C™ to 3 mm and 4.5 mm Adapter, which lets you use one power adapter to charge your tablet and notebook.

#### HP USB-C™ to RJ45/USB 3.0/USB-C

Easily enable reliable connectivity through wired USB 3.0, Ethernet, and USB-C™ power-in connections with the HP USB-C™ to RJ45/USB3/USB-C™ Adapter.

#### HP USB-C™ to RJ45

Easily connect to your network through your notebook or tablet's USB-C™ power-in port with the HP USB-C™ to RJ45 Adapter

#### HP USB-C to USB-A Hub

Optimize your workspace with easy connectivity to your frequently-used accessories in the office and on the road. Convert your notebook or tablet's USB-C™ port to a portable, lightweight USB hub and enable simultaneous connections to up to three USB accessories with the HP USB-C to USB-A Hub.

#### HP USB-A to USB-C Dongle

Give your HP notebook or mobile device access to the complete desktop experience of your HP USB-C Universal Dock with the HP USB-A to USB-C Dongle.



### Overview

#### HP Elite USB-C Hub

Take your tasks on the road or maximize your notebook's ports in the office with the modern, metallic, and portable HP Elite USB-C Hub. With just one USB-C™ cable, you get pass-through charging<sup>1</sup> and expanded data, video, and device connectivity.

1. Pass-through charging requires a notebook or tablet USB-C™ AC adapter. The hub does not include an AC Adapter.

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#### HP USB-C to 4.5mm Adapter

Use one power cord for your HP tablets and notebooks with the HP USB-C to 4.5mm Adapter that connects from your device's USB-C™ port to a standard HP Smart AC Adapter.

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### Technical Specifications

#### HP USB 3.0 to Gigabit RJ45 Adapter

<b>Part number</b>	N7P47AA
<b>Dimensions (L x W x H)</b>	6.1 X 2.0 x 1.4 cm 2.4 x 0.78 x 0.55 in
<b>Weight</b>	19 g .67 ounce
<b>Networking</b>	
<b>Connectivity Technology</b>	Wired
<b>Data Link Protocol</b>	Ethernet, Fast Ethernet, Gigabit Ethernet
<b>Data Transfer Rate</b>	1000
<b>Interfaces</b>	1 x network - Ethernet 10Base-T/100Base-TX/1000Base-T - RJ-45
<b>Connections</b>	1 x Super-Speed USB - 9 pin USB Type A
<b>LED's</b>	Yes
<b>Compatible Operating Systems</b>	Windows 7 (32-bit and 64-bit) Windows 8 (32-bit and 64-bit) Chrome

#### HP USB-C™ to USB 3.0

<b>Part number</b>	N2Z63AA
<b>Dimensions</b>	14.08 X 2.33 X 1.10 cm 5.55 x 0.92 x 0.43 in
<b>Weight</b>	175 g 6.17 ounces
<b>Connectors:</b>	HP USB Type-C to USB 3.0 Adapter
<b>LED's:</b>	NA
<b>Environmental Design</b>	
<b>Operating Temperature</b>	0°C to 40°C
<b>Non-operating (storage)</b>	-20°C to 60°C
<b>Humidity</b>	20%-80%RH
<b>Storage Humidity</b>	20%-90%RH
<b>EMI and Safety Certifications</b>	CE/FCC&IC/BSMI/VCCI/C-tick(RCM)/UL&cUL
<b>Compatibility</b>	TBD

#### HP USB-C™ to 3 mm and 4.5 mm Power Adapter

<b>Part number</b>	N2Z65AA												
<b>Dimensions (L x W x H)</b>	16.06 x 4.75 x 1.90 cm 6.32 x 1.87 x .75												
<b>Weight</b>	50 g 1.76 ounces												
<b>Connectors</b>	<table> <thead> <tr> <th>I/O Port</th> <th>Description</th> <th>Quantity</th> </tr> </thead> <tbody> <tr> <td><b>Input</b></td> <td>3 mm DC jack</td> <td>1</td> </tr> <tr> <td><b>Input</b></td> <td>4.5 mm DC Jack</td> <td>1</td> </tr> <tr> <td><b>Output</b></td> <td>Type C PD cable connector</td> <td>1</td> </tr> </tbody> </table>	I/O Port	Description	Quantity	<b>Input</b>	3 mm DC jack	1	<b>Input</b>	4.5 mm DC Jack	1	<b>Output</b>	Type C PD cable connector	1
I/O Port	Description	Quantity											
<b>Input</b>	3 mm DC jack	1											
<b>Input</b>	4.5 mm DC Jack	1											
<b>Output</b>	Type C PD cable connector	1											



### Technical Specifications

<b>LEDS</b>	None
<b>Environmental Design</b>	<p><b>Non-operating mode</b></p> <p><b>Transportation &amp; Storage</b> -40 to +70 °C for 72 hours Test Time of 4 hours Temperature Gradient: 20°C/ hour Min. Humidity 50%</p> <p><b>Operating mode</b></p> <p><b>Operating Temperature</b> +0 to +40 °C Test Time of 4 hours Temperature Gradient: 20°/ hour Humidity 50% Max Wet Bulb Temperature 29°C</p>
<b>EMI and Safety Certifications</b>	USB IF
<b>Compatibility</b>	TBD
<b>HP AC adapter compatibility</b>	Please connect a HP AC Adapter up to 65W.

### HP USB-C™ to RJ45/USB 3.0/USB-C

<b>Part number</b>	N2Z64AA
<b>Dimensions</b>	18.07 x 7.10 x 1.87 cm 7.12 x 2.80 x 0.74 in
<b>Weight</b>	245 g 8.64 ounces
<b>Data Link Protocol</b>	Ethernet, Fast Ethernet, Gigabit Ethernet
<b>Data Transfer Rate</b>	10/100/1000Mbps
<b>Connectors</b>	HP USB-C to RJ45/USB 3/USB-C
<b>LED's</b>	NA
<b>Operating Temperature</b>	0°C to 40°C
<b>Non-operating (storage)</b>	-20°C to 60°C
<b>Humidity</b>	20%-80%RH
<b>Storage Humidity</b>	20%-90%RH
<b>EMI and Safety Certifications</b>	CE/FCC&IC/BSMI/VCCI/C-tick(RCM)/UL&cUL/KCC/EAC/UK/SABS&NRCS/CB
<b>Compatibility</b>	TBD

### HP USB-C™ to RJ45

<b>Part number</b>	V7W66AA
<b>Dimensions (L x W x H)</b>	18.0 X 2.1 x 1.7 cm 7.1 x 0.8 x 0.7 in
<b>Weight</b>	71.4 gm 2.5 ounce
<b>Networking</b>	
<b>Connectivity Technology</b>	Wired
<b>Data Link Protocol</b>	Ethernet, Fast Ethernet, Gigabit Ethernet
<b>Data Transfer Rate</b>	10/100/1000Mbps
<b>Interfaces</b>	1 x network - Ethernet 10Base-T/100Base-TX/1000Base-T - RJ-45
<b>Connections</b>	1 x 22 pin USB Type C
<b>LED's</b>	Yes



### Technical Specifications

#### Environmental Design

<b>Operating Temperature</b>	0°C to 70°C
<b>Non-operating (storage)</b>	-55°C to +125°C
<b>Humidity</b>	Level 3
<b>Storage Humidity</b>	<=90% Rh in Al bag
<b>EMI and Safety Certifications</b>	EMC, CB, VCCI, CE, REACH, FCC, RCM, KCC, EAC, Ukraine

#### Compatible Operating Systems

Windows 7/8/8.1/10  
 Chrome OS  
 MACBOOK OSX

### HP USB-C™ to USB-A Hub

<b>Part number</b>	Z6A00AA
<b>Dimensions</b>	6.68 x 4.14 x 1.05 cm 2.63 x 1.63 x 0.42 in
<b>Weight</b>	36.5 g 1.28 ounces
<b>Connectors:</b>	HP USB-C™ to USB-A Hub
<b>LED's:</b>	NO
<b>Environmental Design</b>	
<b>Operating Temperature</b>	0°C to 35°C
<b>Non-operating (storage)</b>	-10°C to 35°C
<b>Humidity</b>	5%-85%RH
<b>Storage Humidity</b>	85%RH
<b>EMI and Safety Certifications</b>	CE/CB/FCC&IC/BSMI/VCCI/RCM/KCC/EAC/UL&Cul/Ukraine
<b>Compatibility</b>	HP Elite x2 1012 G1-G2, HP Pro x2 612 G2 HP EliteBook x360 1030 G2 HP EliteBook Folio 1040 G3 HP EliteBook Folio G1 HP EliteBook 1030 G1 HP EliteBook 820, 840, 850 G3-G4 HP EliteBook 725, 745, 755 G3-G4 HP ProBook 640, 650, 645, 655 G2-G3 HP ProBook 430, 440, 450, 470, 455 G4 HP Spectre Pro 13 G1 HP Chromebook 13 G1

### HP USB-A to USB-C Dongle

<b>Part number</b>	3RV49AA
<b>Dimensions</b> (Not including cable and USB-C plug)	36.6 x 23.3 x 11mm
<b>Dimensions</b> (Including cable and USB-C plug)	138 x 23.3 x 11mm
<b>Weight</b>	17g
<b>Upstream port</b>	USB Type-A (USB 3.0) plug to host platform
<b>Downstream port</b>	USB 3.0 Type-C receptacle x1 Standard USB-C CC Logic IC integrated Standard USB-C MUX IC integrated for USB-C Reversible Function
<b>Temperature (operation)</b>	32~104 °F (0~40°C)
<b>Temperature (Non-operation)</b>	-4~140 °F (-20~+60°C)



### Technical Specifications

<b>Relative humidity (operation)</b>	5%~90% RH, non-condensing
<b>Relative humidity (Non-operation)</b>	5%~95% RH, non-condensing
<b>Altitude (operation)</b>	10000ft (3048m)
<b>Altitude (Non-operation)</b>	30000ft (9144m)
<b>Shock (operation)</b>	40G, 2ms, half-sine
<b>Shock (Non-operation)</b>	240G, 2ms, half-sine
<b>Random vibration (operation)</b>	~0.21Grms, 5~500 Hz
<b>Random vibration (Non-operation)</b>	~2.09Grms, 5-500 Hz, Non-Operating
<b>EMI and Safety Certifications</b>	TBA
<b>Compatibility</b>	HP USB-C Universal Dock

### HP Elite USB-C Hub

<b>Part number</b>	4WX89AA
<b>Dimensions</b>	3.8 x 0.98 x 0.28 in (97 x 25 x 7 mm)
<b>Unpackaged product dimensions (H x W x D)</b>	3.94 x 1.11 x 0.35 in (100.3 x 28.4 x 8.9 mm)
<b>Cable length</b>	1.5 in (37 mm)
<b>Unpackaged cable length</b>	1.18 in (30 mm)
<b>Weight</b>	1.3 oz (37g)
<b>Unpackaged product weight</b>	0.096 lb (0.043 kg)
<b>Connectors</b>	<ul style="list-style-type: none"> <li>- 1x Host Port (USB 3.0 - Type C Alt-Mode w/PD 3.0) with cable</li> <li>- 1x USB 3.0 connector</li> <li>- 1x USB 2.0 connector</li> <li>- 1x HDMI 2.0 port</li> <li>- 1x Type C power pass through port</li> </ul>
<b>Operating systems supported</b>	Win 10
<b>ALT mode video support</b>	2 Lanes
<b>Power delivery style</b>	Power pass thru (45W 65W 90W)
<b>Video output</b>	Single HDMI
<b>Max. display resolution</b>	HDMI 4K@60Hz
<b>Compatibility</b>	HP EliteBook 700 series G3, G4, G5; HP EliteBook 800 Series G3, G4, G5; HP EliteBook 1040 G4; HP EliteBook 1050 G1; HP Elite x2 1013 G3 Tablet; HP Elite x2 1012 Tablet G1, G2; HP Elite x2 612 G2 Tablet; HP EliteBook x360 1020 G2; HP EliteBook x360 1030 G2, G3; HP EliteBook x360 1040 G5; HP EliteBook Folio G1; HP ProBook 600 series G4; HP ProBook 400 series G5; HP ZBook 14u G5; HP ZBook 15u G5; HP ZBook 17 G3, G4, G5; HP ZBook 15 G3, G4, G5; HP ZBook Studio G3, G4; HP ZBook Create G4; HP ZBook Studio x360 G5 and HP ZBook Studio NT G5
<b>What is in the box?</b>	HP Elite USB-C Hub; Documentation



### Technical Specifications

#### HP USB-C to 4.5mm Adapter

<b>Part number</b>	4ST73AA
<b>Dimensions</b>	1.38 x 9.65 x 0.26 in (3.5 x 24.51 x 0.66 cm)
<b>Weight</b>	0.26 lb. (0.11 kg)
<b>Operating systems supported</b>	MS Windows 7 and above, Android, Chrome, and Mobile Win
<b>Power support</b>	45W, 65W and 90W barrel power adapters for HP notebooks
<b>Input voltage range</b>	Max. 20.5 Vdc Typical 19.5 Vdc Min. 18.5 Vdc
<b>Operating temperature</b>	+0 to +40°C
<b>Non-operating temperature</b>	-40 to +70°C for 72 hours
<b>Storage temperature</b>	-20°C - 60°C
<b>Operating humidity</b>	5% - 95% relative humidity; 40°C 24 hours
<b>Non-operating humidity</b>	90% relative humidity, (24 hr. soak at 65°C)
<b>Storage humidity</b>	5% - 95% relative humidity
<b>Compatibility</b>	Compatibility with all USB Type C products
<b>Warranty</b>	One-year limited
<b>Country of origin</b>	China

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#### Service and Support

One-year limited warranty. Additional support is available 24 hours a day, seven days a week by phone as well as online support forums.

**NOTE:** Certain restrictions and exclusions apply. Consult the [HP Customer Support Center](#) for details.



### Summary

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<b>Date of change:</b>	<b>Version History:</b>		<b>Description of change:</b>
January 19, 2016	Version 1 to 2	Added	HP USB-C™ to RJ45
February 1, 2015	Version 2 to 3	Added	Environmental Design Specs for HP USB-C™ to RJ45
May 18, 2016	Version 3 to 4	Changed	Name and specs for HP USB-C™ to 3 mm and 4.5 mm Power Adapter
January 30, 2017	Version 4 to 5	Added	HP USB-C™ to USB-A Hub specs added
March 22, 2018	Version 5 to 6	Added	HP USB-A to USB-C Dongle specs
April 3, 2018	Version 6 to 7	Removed	“Multigenerational” removed from HP USB-A to USB-C Dongle overview
December 11, 2018	Version 7 to 8	Added	HP Elite USB-C Hub added
January 24, 2019	Version 8 to 9	Added	HP USB-C to 4.5mm Adapter
May 22, 2019	Version 9 to 10	Corrected	Typo in HP USB-C™ to RJ45/USB 3.0/USB-C
June 28, 2019	Version 10 to 11	Update	Dimensions and weight added to HP USB-C to 4.5mm Adapter specs

