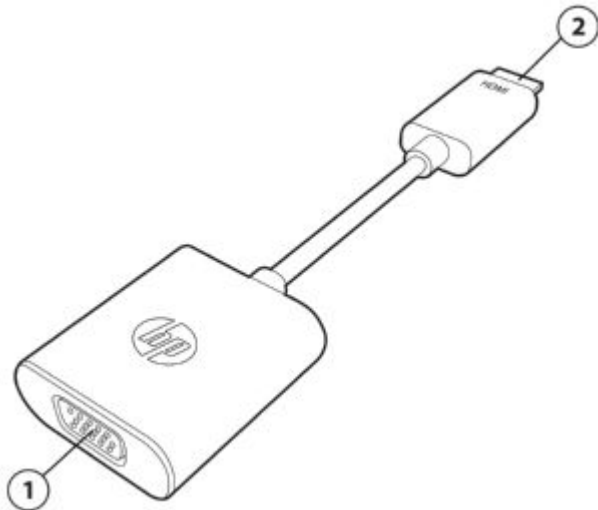Overview

Models

HP HDMI to VGA Adapter	H4F02AA
HP EliteFolio Ethernet & VGA Adapter *New!*	F3W44AA
HP HDMI to DVI Adapter *New!*	F5A28AA
HP DisplayPort to HDMI 1.4 Adapter *New!*	F3W43AA

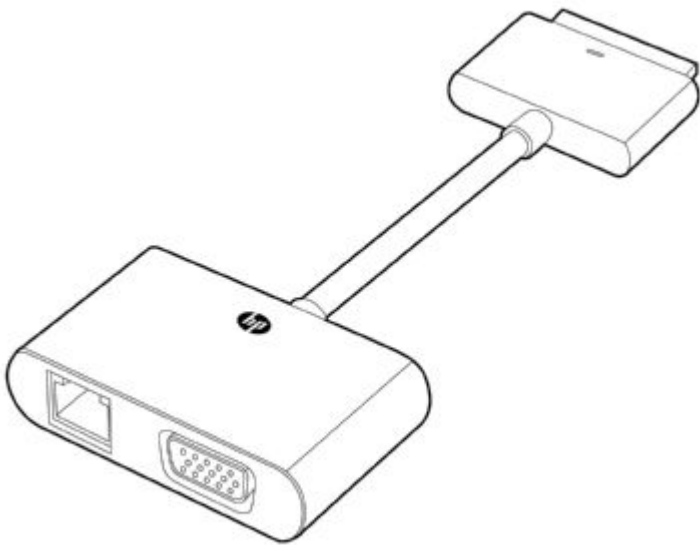## HP HDMI to VGA Adapter (H4F02AA)

The HP HDMI to VGA Adapter allows you to convert the HDMI output port on your HP Business Notebook PC to an analog VGA input so you can connect to an external VGA display.

Host Interface	HDMI	
Video Interface	VGA	
Connectors	**Video output**	VGA male connector
	Host upstream link	HDMI male connector
Supported Resolutions (external display)	600 x 800 768 x 1280 1024 x 1280 1050 x 1680 1080 x 1920	
Operating Temperature	0-40°C (32-104° F)	
Storage Temperature	-10~70°C (14~158 °F)	
System Requirements	**Software**	Microsoft® Windows® 7 with Service Pack 1 (32-bit or 64-bit), Windows Vista® with Service Pack 1 (32-bit or 64-bit), Microsoft® Windows® XP Home or Professional with Service Pack 3
Mechanical	**Dimensions** (H x W x L)	**Unpackaged:** 0.59 x 1.574 x 1.771 in (15 x 40 x 45 mm)
	Weight	**Unpackaged:** 1.093 oz (31 g)
Environmental	**EMC**	FCC Part 15 Class B, IC ICES-003, CE (EN55022, EN61000, EN55024), BSMI, UL, C-tick, VCCI, KC
	RoHS	RoHS Compliant
Dimensions	6.22 x 1.57 x 0.59 in 150.8 x40 x15 mm	
Weight Unpackaged	0.088 lb (40 g)	
Components	HP HDMI to VGA Adapter, Warranty Card, and Quick Installation Guide	
Compatibility	• HP Folio[13] • HP Envy 4 • •	

Overview

- HP SpectreXT
- HP ProBook 4230s, 4330s, 4340s, 4341s, 4430s, 4431s, 4435s, 4436s, 4440s, 4441s, 4446s, 4530s, 4540s, 4535s, 4545s, 4730s, and 4740s Notebook PCs
- HP 430, 431, 435, 436, 450, 455, 630, 631, 635, 636, 650, and 655 Notebook PCs
- HP ProBook 5330m Notebook PC

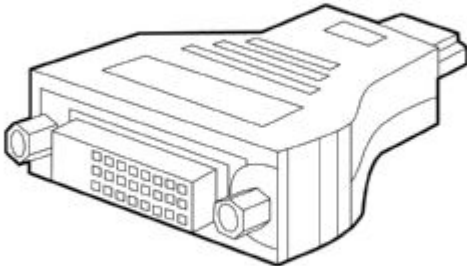## HP EliteFolio Ethernet & VGA Adapter (F3W44AA)

Expand what you can do with your HP EliteBook Folio 1040 G1 by using its side dock connector to add Ethernet and VGA connectivity with a single handy adapter.

- Connect the adapter to the notebook's side docking port to quickly add RJ-45 and VGA ports.
- Store the compact adapter in your carrying case alongside your notebook.
- Get a one-year parts replacement limited warranty.

Environmental Data	**Operating Temperature** -25° to +85° 85%RH, without loss of function. Storage temperature: -25° to +70° 85%RH, without loss of function.
RJ45 Durability	The test is performed in accordance with EIA-364-09C.Total:2000 cycles. The speed is 500 cycles per hour.
VGA Durability	The test is performed in accordance with EIA-364-09C.Total:1000 cycles. The speed is 500 cycles per hour.
Test Condition	**Temperature**: 15° to 35° **Relative Humidity**: 40% to 70% **Atmospheric pressure**: 650 to 800 millimeters (25.6 to 31.5 inches) of Mercury.
Dimensions	5.91 x 2.36 x 0.59 in 150 x 60 x 15 mm
Weight Unpackaged	0.081 lb (37 g)
Compatibility	- HP EliteBook Folio 1040 G1

HP HDMI to DVI Adapter (F5A28AA)

Overview

- Maximize your HP Business Notebook's available ports with the HP HDMI to DVI Adapter. Convert your HDMI output to DVI for quick and easy connection to an external display.
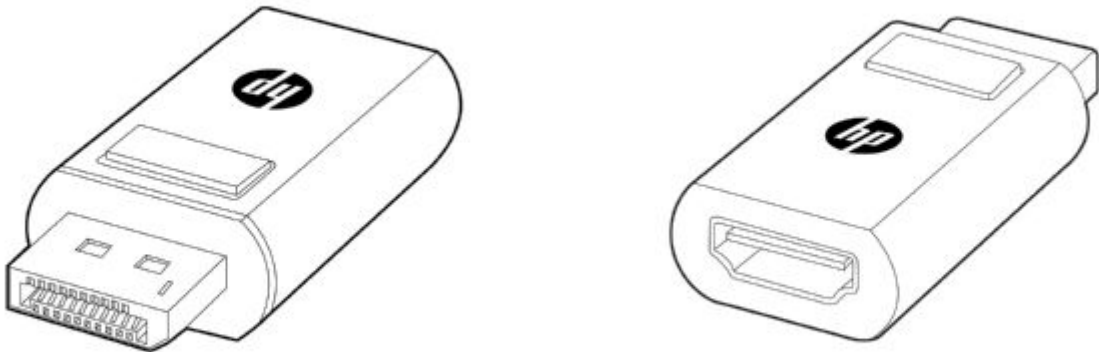
Features

- Input : HDMI, support HDMI up to ver 1.4a
- Output : DVI-D with 24+1 pins connector

Operating Systems Supported	Support Windows: Windows 7 & 8; Use system default driver
Power Source	Standard HDMI
Temperature & Humidity	**Operating** The HDMI to DVI connector adapter shall perform to specification when exposed to ambient temperatures of 410F to 950F(50C to 350C), 8%~ 80% RH (non-condensing). **Storage** The HDMI to DVI connector adapter shall be able to withstand prolonged exposure to temperatures from 410F to 1040F(50C to 400C), 8%~ 80% RH (non-condensing) encountered during transportation or storage.
Environmental Requirements	To meet WEEE/RoHS and HALOGEN FREE requirements, all materials must meet limits contained within the HP standard 011-0 general specification for the environment (GSE), A-5951-1745-1. The test method accepted only is IEC62321.
Dimensions (LxWxH)	2.29 x 1.61 x .59 in 58.25 x 41 x 15 mm
Weight Unpackaged	.05 lb (23 g)
Compatibility	- HP ProBook 430 G1, 440 G0, 450 G0, 470 G0,440 G1, - HP ProBook 4441s, 4446s, 4340s, 4341s, 4540s, 4545s, 4740s, 4230s, 4430s, 4431s, 4330s, 4436s, 4435s, 4530s, 4535s, 4730s, 4441s, - HP SpectreXT Pro - HP ChromeBook 14 - HP Spectre 13 Pro - HP Spectre x2 - HP 215 Notebook PC - HP ProBook 3125 - HP 240 G2, 245 G2, 250 G2, 255 G2, 455

Overview

HP DisplayPort to HDMI 1.4 Adapter (F3W43AA)

Make the most of the available ports on your HP Business Notebook by converting its DisplayPort output to HDMI for quick and easy connection to a range of multimedia devices.

Product Features	• Compliant to HDMI 1.4a specification up to 3.0Gbps
	• Support 4K x 2K & 3D video formats over HDMI
	• Support DisplayPort all 4 levels of output and all 4 levels of pre-emphasis

Highest Video Resolution Supported			
	Resolution	1920x1200	1600x1200
	Refreshing Rate	60Hz	
	Reduced Blanking	RB	
	Pixel Frequency	154MHz	162MHz

NOTE: All video timings within four lane DisplayPort bandwidth are supported

Normal operating conditions	**Parameter**	**Ambient Temperature**	**Min** 0 C **Max** 40 C
	HDMI source level shifter	**Type** 220 **Max** 300	**Unit** mA

Electronics Character SPEC

Input Voltage	3.3V ± 10%		3.3V 230mA
Output	5V ± 10%		Max 90mA
Power consumption	760mW		Max
Power down current	8mA		Max
EMI	Standard Limit line		FCC Part15 Class B
ESD	AIR	± 4KV	IEC61000-4-2
	Contact	± 2KV	
Compliance	DisplayPort 1.1a / DVI 1.0		
Dimensions (LxWxH)	1.98 x 0.94 x 0.50 in		
	50.28 x 24.00 x 12.80 mm		
Weight Unpackaged	0.030 lb (13.5 g)		

Compatibility	• HP ProBook 640 G1, 645 G1, 650 G1, 655 G1
	• HP ProBook 6470b, 6475b, 6570b
	• HP EliteBook 820 G1, 840 G1, 850 G1
	• HP ZBook 14, 15, 17
	• HP Elitebook 2170p, 2570p, 8470p,8570p, 8470w, 8570w,8770w

Overview

Service and support

Each accessory carries a one-year limited warranty. Technical support is available seven days a week, 24 hours a day, by phone, as well as online support forums. Certain restrictions and exclusions apply.