

Overview

HP UHD USB Graphics Adapter



- 1. DisplayPort connector.** Allows digital output to the display.
- 2. USB 3 cable:** For connecting to a display source via a USB cable.

Model

N2U81AA, N2U81AT

INTRODUCTION

Boost your productivity by extending or mirroring your desktop to a UHD display¹ with the HP UHD USB Graphics Adapter. .

KEY BENEFITS

- Just plug the adapter into any USB 2.0 or 3.0 port on your PC and connect the DisplayPort connector on the other end to your UHD display.¹
 - Experience fast USB 3.0 transfer speed for your content up to 3840 x 2160 resolution.
 - Choose a solution that consumes less energy than an installed graphics card or a complete port replicator.
 - Get the reassurance of a one-year limited warranty.
1. Driver required. Driver included on CD. Available for download from www.hp.com. Display sold separately.

Specifications

SYSTEM REQUIREMENTS

See minimum system requirements below.

The adapter software can be installed on any system running one of the following operating systems:

- Windows 7 with Service Pack 1 (32-bit or 64-bit)
- Windows 8 and Windows 8.1 (32-bit or 64-bit)
- Windows 10 (32-bit or 64-bit)

The recommended hardware requirements for the computer are as follows:

- Clock speed of 1.2 GHz or higher, with SSE2 support
- 2 GB for one DisplayLink monitor; 4 GB or more are recommended for two or more DisplayLink monitors
- At least one USB 3.0 or 2.0 port
- 30 MB of available disk space
- Computer screen for use with the DisplayLink device, if it is not integrated
- Optical disc drive if installing adapter software from a disc, or network access if installing the software from a network

For Windows 7, Windows 8, and Windows 8.1, the Windows Experience Index must be greater than 3.0.

- Access the Windows Experience Index by selecting Computer > Properties or Control Panel > System.
- Then click Windows Experience Index to see the Graphics score.
 - Windows 7 - Windows 8.0: Microsoft® DirectX 9 or later graphics device with WDDM driver
 - Windows 8.1: DirectX 10 or later graphics device with WDDM driver
 - Windows 8.1: DirectX 10 or later graphics device with WDDM driver

NOTE: Systems lacking these recommended configurations may have limited performance and functionality.

The system requirements for UHD (4K) are higher than the system specifications listed above due to the extra resources needed to process the high resolution.

The recommended system requirements for productivity are as follows:

- Processor: Intel Core i5 2+ GHz / AMD Trinity or better
- Memory: 4 GB
- Graphics processor: Integrated or discreet Intel HD 4000, ATI Radeon HD7xxx, NVIDIA GeForce 5xxM graphics processors or better
- USB: USB 2.0 but USB 3.0 is recommended

The recommended system requirements for full screen video playback are:

- Processor: Intel Core i7 2+ GHz / AMD Richland A10-575x / AMD Kaveri A10-7400P or better
- Memory: 8 GB
- Graphics processor: Integrated or discreet Intel HD 4000, ATI Radeon HD 8650, NVIDIA GeForce 7xxM graphics processors or better
- USB: USB 3.0
- Disk: 7200 RPM or SSD
- If playing UHD content (4K), the system must be capable of decoding the 4K video in the graphics processor.

Technical Specifications

Host Interface	USB 3.0 (backwards compatible to 2.0)
Video interface	DisplayPort
Connectors	Output: DisplayPort Input: USB Type A
Connectivity	Up to 6 monitors can be supported with 6 adapters on a computer.

Number of HP UHD USB Graphics Adapters			
Resolution	Vertical	Video	Text*
3840 x 2160	30p	1	2
2560 x 1600	60p	2	4
2560 x 1440	60p	2	4
1920 x 1200	60p	4	6
1920 x 1080	60p	4	6
<1920 x 1080	60p	6 Max	6 Max

Text* – MS Word, Excel, PPT

Power Mode	Bus-powered
Supported Modes	Extend, Mirror, Primary Display
Supported resolutions	DisplayPort: Up to 2560 x 1600 @ 60 Hz, 3840x2160 @ 30 Hz NOTE: Number of displays and max resolutions vary with content.
USB Cable (Attached)	USB 3.0 cable , 700mm (2.296ft)
Operating Temperature	0-40° C (32-104° F)
Storage Temperature	-10~70° C (14~158° F)
Operating Humidity	20% to 80%
Non-Operating Humidity	5% to 95%
Operating System Supported	Windows 10 (32-bit or 64-bit) Windows 8.1 Pro(32-bit) Windows 8.1 Pro(64-bit) Windows 8.1 (32-bit) Windows 8.1 (64-bit) Windows 8 (32-bit)* Windows 8 (64-bit)* Windows® 7 Professional (32-bit) Windows® 7 Professional (64-bit)

Technical Specifications

Display Driver	Windows Display Driver Model (WDDM 1.1)		
Mechanical	Dimensions (H x W x L)	Unpackaged:	0.55 x 1.57 x 2.93 in (1.40 x 3.98 x 7.45 cm)
		Packaged:	1.3 x 4.21 x 9.17 in (3.3 x 10.7 x 23.3 cm)
Agency Approvals	FCC, CE, VCCI, KC, C-Tick, UL		
What's in the Box?	HP UHD USB Graphics Adaptor, Driver and Documentation CD, Quick Installation Guide		
Limited warranty	Your Option Limited Warranty is a one (1) year (HP Option Limited Warranty Period) parts replacement warranty on any HP-branded or Compaq-branded options (HP Options). Certain restrictions and exclusions apply.		

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Technical Specifications

Date of change:	Version History:		Description of change:
	From v1 to v2		