

## **Overview for ThinkPad USB 3.0 Ultra Dock (40A80045WW)**

The ThinkPad USB 3.0 Ultra Dock is an universal USB docking solution that not only delivers a premium display experience (up to 4k2k resolution via DP port), but also provides quick and easy connection to all the workspace peripherals you use every day. Simply plug in a single USB 3.0 cable into your Lenovo PC for instant access to up to two external monitors, USB ports, Gigabit Ethernet, headphones/speakers, USB printers, scanners, keyboard, mouse and so on for daily use. The Dock can also charge your mobile devices via two USB always power on ports.

Dock requires included AC power to operate.

ThinkPad USB 3.0 Ultra Dock offers a quick and easy connection to your workspace peripherals and storage for your ThinkPad laptops & Lenovo laptops.

### **Connectivity**

- 4x USB 3.0 – 2 provide always-on mobile device charging
- 2x USB 2.0
- 1x USB 3.0 upstream connector
- 1x HDMI
- 1x DP
- 1x Gigabit Ethernet
- 1x Stereo/Mic Combo Port
- 1 x Security lock hole

### **Other Features**

- Power button to turn unit on and off

### **Note:**

The ThinkPad USB 3.0 Ultra Dock supports the videos with a frame rate slower than and equal to 24 fps. It consumes the notebook computer resource a lot when you play the video on the external monitor with a configured resolution of 3840x2160 pixels (30Hz). For smooth video playback, refer to the recommended system requirements at “System requirement” on the User Guide. The video with a frame rate faster than 24 fps may not be able to be played smoothly. You can downgrade the resolution of your external monitor to achieve better performance.

Monitor Type	Monitor Resolution	Display	Supported Video Frame Rate( maximum)
Ultra HD	3840x2160(30Hz)		24fps
	2560x1600(60Hz) or lower	or	60fps
QHD	2560x1600(60Hz) or lower	or	60fps
Full HD	1920x1080(60Hz) or lower	or	60fps
HD+	1600x900(60Hz) or lower		60fps
HD	1366x768(Hz) or lower		60fps

**Note:** The video playback performance could be affected by the host PC CPU type and speed, GPU vendor, DRAM system speed, background processes running in Windows OS, video codec used to encode the video, media player etc.

#### Resolution/Refresh Rate

No. of video ports connected	DP(maximum)	HDMI(maximum)
Single	3840 x 2160 / 30Hz	Not connected
Single	Not connected	2560 x 1440 / 50Hz
Dual Display	2048 x1152 / 60Hz	2048 x1152 / 60Hz

#### PHYSICAL SPECIFICATIONS

- Approximate height: 32 mm
- Approximate width: 150 mm
- Approximate depth: 80 mm
- Approximate weight: 224 g

ThinkPad USB 3.0 Ultra Dock in Package:

- Approximate height: 64mm
- Approximate width: 214mm
- Approximate depth: 182mm
- Approximate weight: 728g

#### OPERATING ENVIRONMENT

- Temperature: - 5 degrees C (23 degrees F) to + 40 degrees C (104 degrees F)
- Relative humidity: 20% to 95%

## **AGENCY APPROVALS**

- FCC/ICES
- CE
- KCC
- RCM
- BSMI
- VCCI
- CB
- UL+cUL
- EAC
- TUV- Mark
- Serbia Kvalitet
- South Africa SABS&LoA
- Israel SII
- Ukraine DoC

**CABLE ORDERS REQUIRED:** No

**PACKAGING:** One box (plain brown box)

## **SHIPMENT GROUP**

- ThinkPad USB 3.0 Ultra Dock
- 45W Power adapter
- Power cord
- USB 3.0 Cable
- Warranty Poster

## **WARRANTY TERMS**

3 Years

## CHARGES - FRU PARTS

### Field Replaceable Units (FRU)

<b>US/CAN</b>	<b>Dock FRU PN</b>	<b>Power Adapter FRU</b>	<b>Line Cord FRU</b>	<b>USB3.0 Cable FRU</b>	<b>H</b>	<b>CRU</b>	<b>Option PN</b>
ThinkPad USB 3.0 Ultra Dock-US, CAN,MX	03X6898	45N0475	42T5008	03X6956	R	YES	40A80045US
<b>AP</b>							
ThinkPad USB 3.0 Ultra Dock-Japan	03X6898	45N0475	42T5014	03X6956	R	YES	40A80045JP
ThinkPad USB 3.0 Ultra Dock-India	03X6898	45N0475	42T5083	03X6956	R	YES	40A80045IN
ThinkPad USB 3.0 Ultra Dock-HK	03X6898	45N0475	42T5035	03X6956	R	YES	40A80045UK
ThinkPad USB 3.0 Ultra Dock-Australia	03X6898	45N0475	42T5050	03X6956	R	YES	40A80045AU
ThinkPad USB 3.0 Ultra Dock-Korea	03X6898	45N0475	42T5077	03X6956	R	YES	40A80045KO
ThinkPad USB 3.0 Ultra Dock-China	03X6898	45N0475	42T5065	03X6956	R	YES	40A80045CN
ThinkPad USB 3.0 Ultra Dock-Taiwan	03X6898	45N0475	42T5071	03X6956	R	YES	40A80045TW
ThinkPad USB 3.0 Ultra Dock-Indonesia	03X6898	45N0475	42T5029	03X6956	R	YES	40A80045EU
ThinkPad USB 3.0 Ultra Dock-Sri Lanka	03X6898	45N0475	42T5035	03X6956	R	YES	40A80045UK
<b>LA</b>							
ThinkPad USB 3.0 Ultra Dock-Argentina	03X6898	45N0475	42T5020	03X6956	R	YES	40A80045AR
ThinkPad USB 3.0 Ultra Dock-Brazil	03X6898	45N0475	42T5180	03X6956	R	YES	40A80045BR
<b>EMEA</b>							
ThinkPad USB 3.0 Ultra Dock-EU	03X6898	45N0475	42T5029	03X6956	R	YES	40A80045EU
ThinkPad USB 3.0 Ultra Dock-Saudi Arabia	03X6898	45N0475	42T5035	03X6956	R	YES	40A80045UK
ThinkPad USB 3.0 Ultra Dock-Denmark	03X6898	45N0475	42T5041	03X6956	R	YES	40A80045DE
ThinkPad USB 3.0 Ultra Dock-South Africa	03X6898	45N0475	42T5056	03X6956	R	YES	40A80045SA
ThinkPad USB 3.0 Ultra Dock-UK	03X6898	45N0475	42T5035	03X6956	R	YES	40A80045UK

ThinkPad USB 3.0 Ultra Dock-Switzerland	03X6898	45N0475	42T5044	03X6956	R	YES	40A80045SW
ThinkPad USB 3.0 Ultra Dock-Italy	03X6898	45N0475	42T5047	03X6956	R	YES	40A80045IT
ThinkPad USB 3.0 Ultra Dock-Israel	03X6898	45N0475	42T5062	03X6956	R	YES	40A80045IS

The following Web link can be used to see the list of current service  
<http://www.lenovo.com/support>