

Overview for ThinkPad OneLink+ Dock (40A40090WW)

The ThinkPad OneLink+ Dock, powered by Lenovo's revolutionary OneLink+ technology transforms your new ThinkPad into a full featured machine in the office or at home. Not only does the new convenient OneLink+ connector deliver super-fast data transfers with USB 3.0 and up to Ultra High Definition (UHD) video but it also charges your notebook, cell phone and tablet while you work or play!

Unlike USB docks the OneLink+ Dock delivers video with no compression, no drivers and no impact on image quality and notebook performance. Simply connect your notebook with the ThinkPad OneLink+ Dock and get connected to power, Internet and workplace accessories through a convenient single connector. Expect nothing short of outstanding value with connections for two external displays, a keyboard, a mouse, and a printer. It also comes with a ThinkPad 90w slim tip AC Adapter.

The docking station comes equipped with a stereo/microphone combination audio port and 2x USB 3.0 ports on the front panel with one of those as an "always (power) on" port for mobile device charging. Meanwhile, the rear panel has 2x USB 2.0 ports and 2x USB 3.0 ports, allowing for maximum device connectivity. The OneLink+ dock also comes with a 10/1000 Gigabit Ethernet port, one VGA port, and two DisplayPort 1.2 ports for up to 3 video outputs* with a maximum 4k2k resolution**. For security, the dock can be secured via a cable lock.

With all of these great features, the ThinkPad OneLink+ Dock actually takes up less desk space than other typical docking stations!

Features and benefits:

- A single OneLink+ cable enables all docking functions while delivering continuous power, allowing you to boost your productivity in no time.
- Up to 4k video output allows you to enjoy a vivid video experience with your brand new ThinkPad Ultrabook
- Power button on dock mirrors system power button
- Gigabit Ethernet (10/100/1000) with Boot over LAN support on selected systems***

Note:

*Total maximum 3 monitors can be output including system LCD

** OneLink+ dock is capable to support up to 4k2k(3840x2160) resolution. Actual video output on the dock is based on system video performance since the video signal is passing through from system to the OneLink+ dock.

For detailed information please visit:
<http://support.lenovo.com/docs/displayconfig>

***Gigabit Ethernet by USB, Microphone/Headset combo jack audio by USB, installing a driver may be required.

TECHNICAL INFORMATION

Connectivity

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

4k2k Display Capability:

The following matrix shows the multi video outputs with maximum resolution on ThinkPad Yoga 260 docked with ThinkPad OneLink+ Dock

Display	LCD	Dock DP 1	Dock DP2	Dock VGA
Single Display	Depends on system	-	-	-
	-	3840x2160@30Hz	-	-
	-	-	3840x2160@30Hz	-
	-	-	-	1920x1200@60Hz
Two Display	ON	3840x2160@30Hz	-	-
	ON	-	3840x2160@30Hz	-
	ON	-	-	1920x1200@60Hz
	-	2560x1600@60Hz	2560x1600@60Hz	-
	-	-	2560x1600@60Hz	1920x1080@60Hz
	-	2560x1600@60Hz	-	1920x1080@60Hz
Three Display	ON	2560x1600@60Hz	2560x1600@60Hz	-
	ON	-	2560x1600@60Hz	1920x1080@60Hz
	ON	2560x1600@60Hz	-	1920x1080@60Hz
	-	2560x1600@60Hz	1920x1080@60Hz	1920x1080@60Hz

Notice: As long as you attached a 4K monitor to the dock, regardless what resolution you set up, your display capability is limited to single external monitor output. It's not supported to attach a second monitor.

Maximum Resolution Support/Refresh Rate

The following matrix shows the video capability of OneLink+ dock is able to achieve. Actual video output on the dock is based on system video performance since the video signal is passing through from system to the OneLink+ dock.

Display Config	DP	DP	VGA
1 display	3840x2160@60Hz		
			1920*1200@60Hz
2 displays	3840x2160@60Hz	1024*768@60Hz	
	3840x2160@30Hz	3840x2160@30Hz	
	3840x2160@60Hz		1024*768@60Hz
	3840x2160@30Hz		1920*1200@60Hz
3 displays	3840x2160@30Hz	3840x2160@30Hz	1024*768@60Hz
	1920*1200@60Hz	1920*1200@60Hz	1920*1200@60Hz

PHYSICAL SPECIFICATIONS

ThinkPad OneLink+ Dock

- Approximate height: 38mm (1.49in)
- Approximate width: 158mm (6.22in)
- Approximate depth: 80mm (3.15in)
- Approximate weight: 310g (0.68lb)

ThinkPad OneLink+ Dock in Package:

- Approximate height: 65mm (2.55in)
- Approximate width: 245mm (9.65in)
- Approximate depth: 200mm (7.87in)
- Approximate weight: 950g (2.09lb)

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 OneLink+ Dock
- 90W Power adapter
- Power cord
- Warranty Poster

WARRANTY TERMS

3 Years

CHARGES - FRU PARTS

Field Replaceable Units (FRU)

Product Name	Dock FRU PN	Power Adapter FRU	Line Cord FRU	H	CRU	Option PN
ThinkPad OneLink+ Dock-US, CAN,MX	03X6296	45N0481	42T5008	R	YES	40A40090US
ThinkPad OneLink+ Dock - Argentina	03X6296	45N0481	42T5020	R	YES	40A40090AR
ThinkPad OneLink+ Dock-Brazil	03X6296	45N0481	42T5180	R	YES	40A40090BR
ThinkPad OneLink+ Dock-JP	03X6296	45N0481	42T5014	R	YES	40A40090JP
ThinkPad OneLink+ Dock-EU/INA/ROK	03X6296	45N0498	42T5029	R	YES	40A40090EU
ThinkPad OneLink+ Dock-Denmark	03X6296	45N0498	42T5041	R	YES	40A40090DK
ThinkPad OneLink+ Dock-India	03X6296	45N0498	42T5083	R	YES	40A40090IN
ThinkPad OneLink+ Dock-SA/Sri Lanka/Bangladesh	03X6296	45N0498	42T5056	R	YES	40A40090SA
ThinkPad OneLink+ Dock-UK/HK/MY/SGP/Saudi Arabia	03X6296	45N0498	42T5035	R	YES	40A40090UK
ThinkPad OneLink+ Dock-Switzerland	03X6296	45N0498	42T5044	R	YES	40A40090CH
ThinkPad OneLink+ Dock-Italy	03X6296	45N0498	42T5047	R	YES	40A40090IT
ThinkPad OneLink+ Dock-Israel	03X6296	45N0498	42T5062	R	YES	40A40090IS
ThinkPad OneLink+ Dock-ANZ/Fiji/Papua New Guinea	03X6296	45N0498	42T5050	R	YES	40A40090AU
ThinkPad OneLink+ Dock-China	03X6296	45N0498	42T5065	R	YES	40A40090CN
ThinkPad OneLink+ Dock-Taiwan/TH/Philippines/Guam	03X6296	45N0498	42T5071	R	YES	40A40090TW

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