

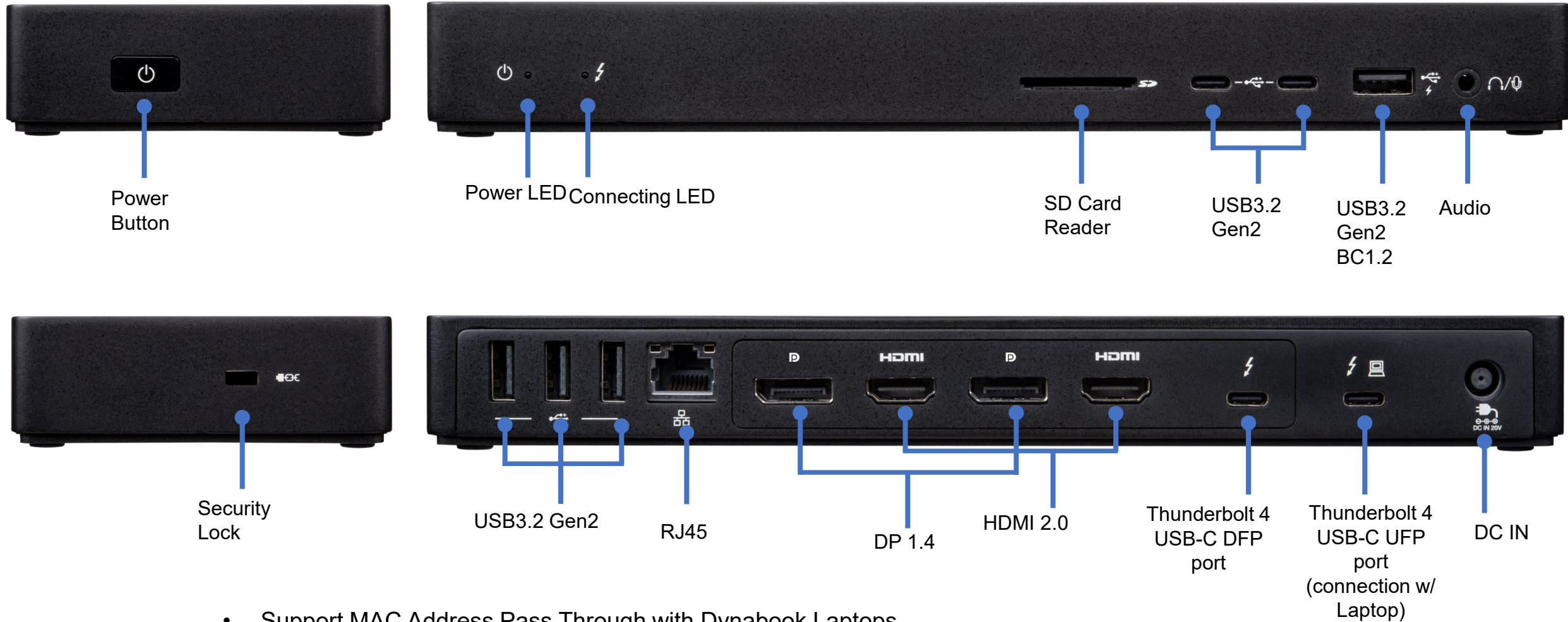


Dynabook Thunderbolt 4 Dock – Key Product Features



- **Five independent video output ports** for Windows OS
- Single video output resolution **up to 8K@30Hz**
- **Up-to four 4K (3840x2160)** video output
 - Requires platforms with graphics engine supporting simultaneous four display output

Dynabook Thunderbolt 4 Dock - ID & Ports



- Support MAC Address Pass Through with Dynabook Laptops
- Support Wake-on-LAN Feature
- Support PXE Boot with Dynabook Laptops

UFP: Upstream Facing Port
DFP: Downstream Facing Port

Dynabook Thunderbolt 4 Dock - Summary

- **Thunderbolt input interface (Upstream to Laptop)**
 - Thunderbolt 4 with Type-C Port
- **Rear Side**
 - 1x Thunderbolt 4 Upstream Host Port to Laptop
 - 1x Thunderbolt 4 Downstream Port for Display Output
 - 2x DisplayPort 1.4
 - 2x HDMI 2.0
 - 3x USB 3.1 (10Gbps) Type A (Standard 900 mA)
 - 1x 1Gbit Ethernet RJ45
- **Front Side**
 - 1x USB3.1 (10Gbps) Type A (Support BC 1.2 Charging 1.5A)
 - 2x USB3.1 Type-C Gen 2 (10Gbps) Hub (Support 7.5 Watt)
 - 1x SD 4.0 (up-to 312MB/sec) Card Reader
 - 1x Combo Audio-Out / Mic-In Port
 - 1x Thunderbolt Link indicator (Blue)
 - 1x Power On LED indicator (White)
- **Side Port**
 - 1x Thunderbolt 4 Dock Power On/Off button
 - 1x Kensington® Lock
- **AC Adapter: Support DC 20V/6.75A (135 Watt)**
- **Support PD 3.0 Charging profile**
 - 5/9/15V/20V@3A
 - 20V/4.5A
- **Support MAC Address Pass Through with Dynabook Laptops**
- **Support Wake-on-LAN Feature**
- **Support PXE Boot with Dynabook Laptops**
- **Backward compatible with Thunderbolt 3**

Differences between Thunderbolt 3 & 4 Docks



	Toshiba Thunderbolt 3 Dock	Dynabook Thunderbolt 4 Dock
Part Number	PA5281A-2PRP	PS0120AA1PRP
Dock to PC	Thunderbolt 3 Removable Cable (0.7m)	Thunderbolt 4 Removable Cable (0.8m)
Compatibility	Thunderbolt 3 & Thunderbolt 4 Laptops	Thunderbolt 3/4 Laptop USB-C Laptops (w/ some limitations)
USB Type-A	4x USB 3.2 Gen 1 (5Gbps)	4x USB3.2 Gen 2 (10Gbps)
USB Type-C to Peripheral	2x USB-C (USB 3.1 Gen 2)	2x USB-C (USB 3.2 Gen 2) 1x USB-C (TBT4/USB4) DFP Port
1Gbit Ethernet	1Gbit RJ45	1Gbit RJ45
Mac Address Pass Through (MAPT)	N/A	Yes
RGB	1x	N/A
DisplayPort	1x DP 1.2, 1x mDP 1.2	2x DP 1.4
HDMI	2x HDMI (1x HDMI 2.0, 1x HDMI 1.4b)	2x HDMI 2.0
Sound	Headphone / Mic Combo Jack	Headphone / Mic Combo Jack
Power Button	Yes (turns on Thunderbolt 3 Dock)	Yes (turns on Thunderbolt 4 Dock)
Security Slot	1x Security Lock Slot	1x Security Lock Slot
SD Card Slot	N/A	1x SD Card Slot
Power In	100W	135W
Power out to PC	45W	90W
Max # of Displays	3x (4K 3840x2160 @1x 60Hz, 2x 30Hz)	4x (4K 3840x2160 @30Hz) 3x (4K 3840x2160 @1x 60Hz & 2x 30Hz) 1x (8K 7680x4320 @30Hz)
Dimensions	230 x 84 x 26.5 millimeters	245 x 84 x 27 millimeters

Dynabook Docking Solutions - Differences

	Dynadock U3.0 USB Dock	Dynabook USB-C Dock	Dynabook Thunderbolt 4 Dock
	PA3927A-2PRP	PA5356A-1PRP	PS0120AA1PRP
Dock to PC	USB-A Removable Cable	USB-C Removable Cable (1.0m)	Thunderbolt 4 Removable Cable (0.8m)
Compatibility	USB-A Laptops	Thunderbolt 3, Thunderbolt 4 & USB-C Laptops	Thunderbolt 4 & USB-C Laptops
USB Type-A	4x USB 3.2 Gen 1 (5Gbps) / 2x USB2.0 (480Mbps)	2x USB 3.2 Gen 1 (5Gbps) / 2x USB3.2 Gen 2 (10Gbps) 1x USB-C (USB 3.2 Gen 1)	4x USB3.2 Gen 2 (10Gbps) 2x USB-C (USB 3.2 Gen 2)
USB Type-C to Peripheral	N/A		1x USB-C (TBT4/USB4) DFP Port
1Gbit Ethernet	1Gbit RJ45	1Gbit RJ45	1Gbit RJ45
Mac Address Pass Through (MAPT)	N/A	Yes	Yes
RGB	(DVI-I to VGA adapter included)	1x	N/A
DisplayPort	N/A	1x DP 1.2	2x DP 1.4
HDMI	1x HDMI 2.0	1x HDMI 2.0	2x HDMI 2.0
DVI	1x DVI-I	N/A	N/A
Sound	Headphone / Mic Combo Jack 5.1 surround	Headphone / Mic Combo Jack	Headphone / Mic Combo Jack
Power Button	N/A	Yes (turns on USB-C Dock & Dynabook Laptop)	Yes (turns on Thunderbolt 4 Dock)
Security Slot	1x Security Lock Slot	1x Security Lock Slot	1x Security Lock Slot
SD Card Slot	N/A	1x SD Card Slot	1x SD Card Slot
Power In	45W	100W	135W
Power out to PC	N/A	65W	90W
Max # of Displays	2x (QWXGA 2048 x 1152)	3(x (FHD 1920 x 1080) or 1x (4K 3840 x 2160)	4x (4K 3840x2160 @30Hz) 3x (4K 3840x2160 @1x 60Hz & 2x 30Hz) 1x (8K 7680x4320 @30Hz)
Dimensions	114 x 130 x 233 millimeters (inc base)	210 x 84.4 x 23.3 millimeters	245 x 84 x 27 millimeters

Multiple Video Output Configurations

Video Output Group	Thunderbolt 4 / USB-C Monitor	DisplayPort 1.4	HDMI 2.0	DisplayPort 1.4	HDMI 2.0
Single Video Output	8K @30Hz				
		8K @30Hz			
				8K @30Hz	
			4K @60Hz		4K @60Hz
Dual Video Outputs	4K @60Hz	4K @60Hz			
	4K @60Hz		4K @60Hz		
	4K @60Hz			4K @60Hz	
	4K @60Hz				4K @60Hz
		4K @60Hz	4K @60Hz		
		4K @60Hz		4K @60Hz	
		4K @60Hz			4K @60Hz
			4K @60Hz	4K @60Hz	
Triple Video Outputs	4K @60Hz	4K @30Hz	4K @30Hz		
	4K @60Hz	4K @30Hz		4K @30Hz	
	4K @60Hz	4K @30Hz			4K @30Hz
	4K @60Hz		4K @30Hz	4K @30Hz	
	4K @60Hz		4K @30Hz		4K @30Hz
	4K @60Hz			4K @30Hz	4K @30Hz
		4K @30Hz	4K @30Hz	4K @30Hz	
		4K @30Hz	4K @30Hz		4K @30Hz
Four Video Outputs	4K @30Hz	4K @30Hz	4K @30Hz	4K @30Hz	
	4K @30Hz	4K @30Hz	4K @30Hz		4K @30Hz
	4K @30Hz	4K @30Hz		4K @30Hz	4K @30Hz
		4K @30Hz	4K @30Hz	4K @30Hz	4K @30Hz

- **Five Video Output Ports**
 - 2 x DisplayPort 1.4
 - 2 x HDMI
 - 1 x USB-C
- **Maximum Resolution**
 - 8K
- **Maximum Number of Displays**
 - 1 x 8K@30Hz
 - 2 x 4K@60Hz
 - 4 x 4K@30Hz

Note: Four simultaneous video output requires Intel 11th Generation or laptops with Thunderbolt 4

Dynabook Thunderbolt 4 Dock – Compatibility

CPU Gen	Model Name	Wired LAN						
		LAN on Windows	ModS Wake-up	PXE Boot	MAPT			
10 th Gen (Comet Lake)	Portégé X30-G	Yes	Yes	Yes	Yes		10th Gen (-G) Platforms • Thunderbolt 3 • tested and supported with “limitations”	
	Portégé X40-G	Yes	Yes	Yes	Yes			
	Portégé X50-G	Yes	Yes	Yes	Yes			
11 th Gen (Tiger Lake)	Portégé X30W-J	Yes	Yes	Yes	Yes		11th Gen (-J) Platforms • Thunderbolt 4 • officially supported	
	Portégé X30L-J	Yes	Yes	Yes	Yes			
	Portégé X40-J	Yes	Yes	Yes	Yes			
	Tecra A40-J	Yes	Yes	Yes	Yes			
	Tecra A50-J	Yes	Yes	Yes	Yes			
12 th Gen (Alder Lake)	Portégé X30W-K	Yes	Yes	Yes	Yes		12th Gen (-K) Platforms • Thunderbolt 4 • officially supported	
	Portégé X30L-K	Yes	Yes	Yes	Yes			
	Portégé X40L-K	Yes	Yes	Yes	Yes			
	Portégé X40-K	Yes	Yes	Yes	Yes			
	Tecra A40-K	Yes	Yes	Yes	Yes			
	Tecra A50-K	Yes	Yes	Yes	Yes			

		Dynabook Thunderbolt 4 Dock	Lenovo Thunderbolt 4 Dock	Kensington SD5700T Thunderbolt 4 Dual 4K Docking Station
RRP AUD (ex GST)		\$390.00	\$400.00	\$499.00
Part Number		PS0120AA1PRP	40B00135AU	K35175AP
Warranty		3 Years	3 years	3 years
Connection		Thunderbolt	Thunderbolt or USB-C	Thunderbolt 4 only
Cable Length		0.8 meter	0.7 meter	0.8 meter
Ports	USB-A	4 (Gen2)	4	4 (3x Gen2, 1x 2.0)
	USB-C	2	1	
	USB-C (TB4)	1	1	3
	RJ-45 LAN	1	1	1
	Headset	1	1	1
	Memory Card	SD Card		SD Card
	Security Lock Slot	1	2 (standard & nano)	2 (standard & nano)
Video Ports	HDMI	2 (2.0)	1 (2.1)	None (TB4 ports only)
	DisplayPort	2 (1.4)	2 (1.4)	None (TB4 ports only)
	Thunderbolt 4	1	1	2
AC Adapter		135W	135W	170W
Power Delivery		90W	100W	90W
Power Button		Dock	PC	Dock
vPro		No	Yes	No
# Simultaneous 8K Monitors		1 8K/30	1 8K/30	1 8K/30
# Simultaneous 4K Monitors		4 4K/30	4* 4K/60 (Requires USB-C adapter)	2 (4K/60)
MAPT		Yes	Yes	Yes
WOL		Yes	Yes	?