



Thunderbolt™ 3 Docking Station 8K, USB Type-C™



Quick Installation Guide

DA-70895

1 Product Introduction

The Thunderbolt™ 3 Docking Station from DIGITUS® expands your notebook with 11 additional ports using just one USB-C™ connection. Among other features, it includes 2 DisplayPort video ports to connect a monitor, projector or TV. Thanks to dual monitor support, these can be operated simultaneously. Using Windows, a video signal can be output simultaneously on two different video ports (SST mode), and 2 different video signals can also be output on the 2 graphics ports (MST mode). Using Mac OS, only SST mode is supported. The remaining interfaces offer you connectivity to all common connections that a modern docking station needs to offer. For example a network connection, additional USB connections (USB-C™, USB-A), an audio output and two independent card readers. Using the integrated USB-C™ port with PD charging, you can charge your notebook while using the docking station. The docking station also offers various USB-C and 3.0 ports for data transfer, connection of peripheral devices such as mouse and keyboard as well as charging of mobile devices.

1.1 Features

- 11 additional interfaces for your notebook for video, data, power, Ethernet & audio.
- 1x SD slot & 1 Micro SD slot: Supports SD 3.0 (UHS-I)
- Supports 4K Ultra HD (4096 x 2160 30-bit color @60 Hz) on two monitors or 8K @ 30Hz on one monitor via Thunderbolt 3
- Supports 4K @ 30Hz on dual monitors for devices with DisplayPort 1.4 (HBR3) and 1080p @ 60Hz on dual monitors for devices with DisplayPort 1.2 (HBR2) via USB-C devices

- Dual display support with Windows OS - Monitor mirroring & extension
- Single display support with MAC OS - Monitor mirroring
- 3x USB 3.0 connections - 2x with up to 10 Gbps SuperSpeed data transfer, one of the ports with BC 1.2 functionality for charging mobile devices (1.5 A max.), 1x with up to 5 Gbps SuperSpeed data transfer
- 1x Thunderbolt connection with Power delivery (PD) and data transfer up to 40Gbps
- Supports Power Delivery 3.0 (60 W max.) to quickly charge your notebook
- 1 x Gigabit LAN 10/100/1000 Mbps RJ45 jack

The features of each port are as below:

When working on Thunderbolt3 Host (Mac OS and Windows)

The features of each port are as below:

Thunderbolt 3 Port:

Support input bandwidth up to 40Gbps (data + video);

Support host charging up to 60W (5V, 9V, 15V, 20V @ 3A)

Note: it is required to connect this product with host via a certified TBT3 cable, a non-TBT3 cable may result in non-function

DP ports x2:

Support 4 lane DP1.4 resolution up to 8K 30Hz

Support dual video output (MST):

resolution up to 8K 30Hz + 4K 30Hz

RJ45:

Support Gigabit Ethernet (10M/100M/1000M)

USB-A (on back panel):

Support USB3.2 Gen 1 up to 5Gbps;

Support max 5V/900mA downstream charging

USB-A 1 (on the side):

Support USB3.2 Gen 2 up to 10Gbps;

Support max 5V/1.5A downstream charging

USB-A 2 (near Type-C)

Support USB3.2 Gen 2 up to 10Gbps;

Support max 5V/900mA downstream charging

Type-C:

Support USB3.2 Gen 2 up to 10Gbps;

Support max 5V/1.5A downstream charging

Audio 3.5mm combo jack:

Support phone out with digital audio max 96KHz ADC sampling rate and 24bps

Support Mic in with digital audio max 96KHz ADC sampling rate and 24bps

Support CTIA&OMTP auto detection

SD3.0 & mSD3.0 port:

Support SD3.0 UHS-I up to 104MBps data rate

Allow 2 card slots to work simultaneously

DC Jack:

Support 120W (20V, 6A) power supply

1.2 Package Contents

- 1 x Thunderbolt™ 3 Docking Station 8K, USB Type-C™
- 1 x Thunderbolt™ 3 Connecting Cable (30 cm)
- 1 x Power Adapter
- 1 x QIG



1.3 Specifications

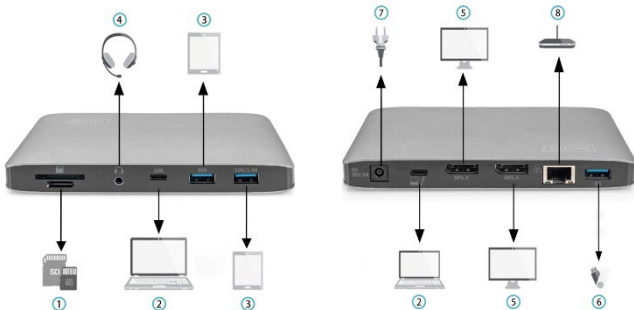
Input / Output Connector	Input	Thunderbolt™ 3 Receptacle x1 DC Power Jack x1
	Output	<ul style="list-style-type: none"> • DisplayPort Receptacle x2 • RJ45 Receptacle x1 • USB3.2-A 5G Receptacle x1 • USB3.2-A 10G Receptacle x2 • USB Type-C 10G Receptacle x1 • Audio 3.5mm combo jack x1 • SD3.0 socket x1 • MSD3.0 socket x1
Limited Warranty		1 Year
DisplayPort		Up to 8K/30Hz+4k/30Hz or Dual 4k/60Hz
Size		148x80x17.5mm
Weight		318g
Environmental		Operating Temperature: 0°C to + 45°C
		Operating Humidity: 10% to 90 % RH (no condensation)
		Storage Temperature: 0°C to +70°C
		Storage Humidity: 10% to 90 % RH (no condensation)
Power Supply		DC 120W (20V/6A) By pass 60w to host

1.4 Panel Description



1	Thunderbolt™ 3 Receptacle	Connect TBT 3 host or Multi-Function DisplayPort (MFDP) Type-C Host
2	DisplayPort 1.4 Receptacle x 2	Connect DP monitors
3	RJ45 Receptacle	Connect Router with Gigabit Ethernet (10M/100M/1000M)
4	USB-A 5G Receptacle	Connect USB-A devices
5	DC Power Jack	Connect 120W DC Power Adapter
6	SD/Micro SD 3.0 socket	Connect SD/Micro SD cards
7	Audio 3.5mm combo jack	Connect Headphone or Amplifier
8	Type-C 10G Receptacle	Connect Type-C device
9	USB-A 10G Receptacle x 2	Connect USB-A devices

2 Connection Diagram



- 1 Memory Card
- 2 Notebook
- 3 Tablet
- 4 Headset

- 5 Monitor
- 6 USB Drive
- 7 Power supply
- 8 Modem/Router

Hereby Assmann Electronic GmbH, declares that the Declaration of Conformity is part of the shipping content. If the Declaration of Conformity is missing, you can request it by post under the below mentioned manufacturer address.

www.assmann.com

Assmann Electronic GmbH
Auf dem Schüffel 3
58513 Lüdenscheid
Germany

