

M2-ENC07-994x

Designer Installation USB-C Alt-Mode Docking Station



reddot winner 2023



Features

- ▶ 7-slot free standing on-table enclosure
- ▶ Preconfigured with the M2 USB-C docking station module
- ▶ Single 8K/5K output or Dual 4K screen outputs
- ▶ Gigabit Ethernet, triple 5Gbps USB device ports and up to 100W PD
- ▶ Sleek, full metal housing in an award winning form factor

M2-ENC07-994x DATA SHEET

Technical Data

M2-ENC07-994x

Input / Output

| | |
|--------|---|
| Input | 1x USB-C (Gen2 Upstream Port) |
| Output | 1x HDMI 2.1, 1x HDMI 2.0, 1x USB-C (Gen1 Downstream Port), 2x USB-A (Gen1 Downstream Port), 1x GbE (RJ45) |
| Power | 1x USB-C (100W power injection port) |

Video

| | |
|----------------------------------|---|
| HDMI Standard | HDMI 2.0b and HDMI 2.1/ HDCP 2.3 (backwards compatible to HDCP 2.2/1.4) |
| Maximum Resolution MST/SST | 4K@60Hz (4:4:4) 8bit (dual screen) |
| Maximum single output resolution | 8K@30Hz (4:4:4) / 5K@60Hz (4:4:4) (single screen) |
| Multi screen support | Supports dual HDMI output, MST under Windows, SST under Windows & macOS |
| OS support | Support Windows 7/8/8.1/10/11, macOS, Linux, ChromeOS, etc. |

USB Data

| | |
|--------------------------|---|
| USB Upstream Port | USB 3.2 Gen2 (20Gbps) |
| USB Power Delivery (PD) | 5V 0.9A, 9V 1.33A, 15V 2A and 20V 4.25A |
| USB Downstream Data Rate | USB 3.2 Gen1 (5Gbps per port) |
| USB Downstream Power | USB-C - 5V 1.3A; USB-A - 5V 2A (Shared) |
| Ethernet | 1000Mbps (Gigabit) |

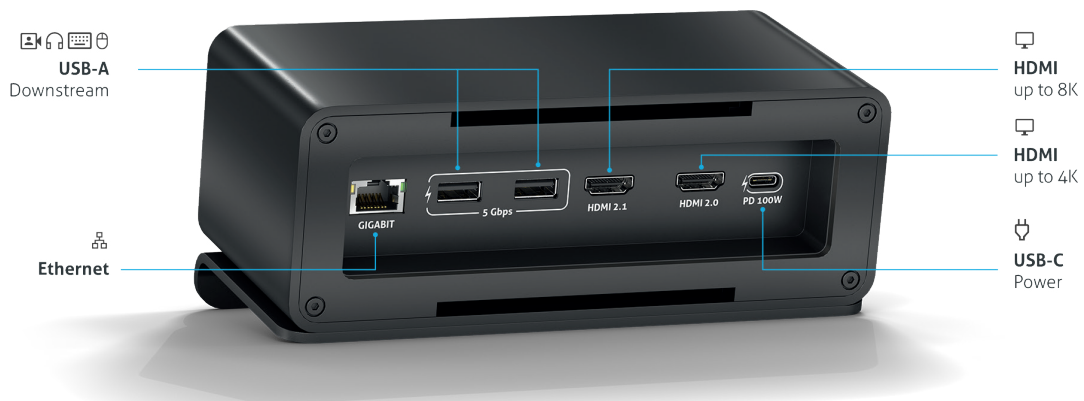
General

| | |
|-----------------------------|---|
| Product Dimensions | 83 x 177.60 x 80mm (with stand) 65 x 177.60 x 80mm (without stand) |
| Product Weight | 792g |
| Housing Material | Aluminium housing / Plastic modules |
| Colour | Black / White / Space-Grey |
| Recommended Operation Temp. | 15 - 35°C |
| Storage Temperature | 0 - 60°C |
| Relative Humidity | 30% - 60% |
| Power Supply | Not included (100W, e.g. VL-PSU110) |
| Power Consumption | 121W max. |

Front view





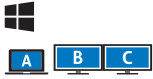


Rear view



Connection Overview

Supported Screen Resolution with Respect to DP Alt-Mode Specification

| Display Mode | Maximum resolution with DP 1.4 with DSC 1.2 | | Maximum resolution with DP 1.4 without DSC 1.2 | | Maximum resolution with DP 1.2 | |
|--|---|------------------|--|------------------|--------------------------------|------------------|
| | Port 1 HDMI 2.1 | Port 2 HDMI 2.0 | Port 1 HDMI 2.1 | Port 2 HDMI 2.0 | Port 1 HDMI 2.1 | Port 2 HDMI 2.0 |
|   Single (Windows) | 7680 x 4320 30Hz | ⊗ | 3840 x 2160 60Hz | ⊗ | 3840 x 2160 30Hz | ⊗ |
| | ⊗ | 3840 x 2160 60Hz | | 3840 x 2160 60Hz | ⊗ | 3840 x 2160 30Hz |
|   Single (macOS) | 3840 x 2160 60Hz | ⊗ | 3840 x 2160 60Hz | ⊗ | 3840 x 2160 30Hz | ⊗ |
| | ⊗ | 3840 x 2160 60Hz | ⊗ | 3840 x 2160 60Hz | ⊗ | 3840 x 2160 30Hz |
|  Dual-SST (Windows & macOS) | 3840 x 2160 60Hz | 3840 x 2160 60Hz | 3840 x 2160 60Hz | 3840 x 2160 60Hz | 3840 x 2160 30Hz | 3840 x 2160 30Hz |
|  Dual-MST (Windows) | 3840 x 2160 60Hz | 3840 x 2160 60Hz | 3840 x 2160 30Hz | 1920 x 1080 60Hz | 1920 x 1080 60Hz | 1920 x 1080 60Hz |

Product Overview

| | Art. No. | Colour | EAN |
|---|---------------|------------|---------------|
|  | M2-ENC07-9940 | Black | 4251364739457 |
|  | M2-ENC07-9941 | White | 4251364739464 |
|  | M2-ENC07-9942 | Space-Grey | 4251364739471 |

Contact

PureLink GmbH
Von-Liebig-Str. 10
48432 Rheine | Germany

+49 5971 800 299-0
+49 5971 800 299-99
info@purelink.de



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The illustrations used in this document may differ from the delivered product.