



**THE GERMAN
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ICY BOX® Heart RAID 2818

RAID & DockingStation for 2x M.2 NVMe SSD

Key features

- USB Type-C® host connection supports Thunderbolt™ 3 and USB4® with a transfer rate of up to 40 Gbps and 60 W PD
- Supports 2x M.2 NVMe M-Key SSD in sizes up to 2280, reaches up to 40 Gbps with software RAID function
- USB Type-C® (Thunderbolt™ 3 and USB4®) with a transfer rate of up to 40 Gbps and video output up to 7680x4320@60 Hz
- USB 3.2 Gen 2 Type-A port with a transfer rate of up to 10 Gbps
- HDMI® port with a resolution up to 4096x2160@60 Hz
- USB Type-C® PD/DC power input supports 5-20 V/PD 100 W
- Built-in fan with fan switch for maximum heat dissipation
- LED indicators for power and access



Packing content

1x Heart RAID 2818, 1x USB-C to USB-C cable (50 cm), 1x USB-C to USB-C cable for PD (100 cm), 1x 20 V/5 A Type-C® PD charger, 4x Thermal pad, 4x Rubber fixation, 1x Manual



40 Gbps Performance with Thunderbolt™ 3 and USB4®

Heart RAID 2818 delivers the speed professionals expect from modern high performance storage. It connects via USB Type-C® and supports Thunderbolt™ 3 and USB4® with transfer rates up to 40 Gbps. This allows extremely fast data access for demanding workflows such as video editing, large backups, or high resolution projects. When used with compatible systems, it unlocks the full potential of NVMe SSD technology.



Dual M.2 NVMe with Software RAID

This powerhouse of an enclosure supports two M.2 NVMe M-Key SSDs in sizes up to 2280. With software RAID functionality, you can configure the drives for higher performance or data redundancy depending on your needs. This gives you flexibility between speed and security. It transforms two SSDs into one powerful storage solution.



8K? 8K!

Beyond storage, Heart RAID 2818 also functions as a DockingStation. It supports video output up to 7680x4320 at 60 Hz via the USB Type-C® connection and up to 4096x2160 at 60 Hz through HDMI®. This allows you to expand your workspace with high resolution displays.



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ICY BOX® Heart RAID 2818 RAID & Docking Station for 2x M.2 NVMe SSD

General data

Model	IB-RD2818DK-40G
Article no.	61203
EAN code	4250078175391
Color	Black
Material	Aluminum
Host interface	Thunderbolt™ 3 and USB4®
Length of cable	50 cm
Transfer rate	Up to 40 Gbps
UASP support	-
Plug & Play	Yes
LED	Power and access
ON/OFF button	-
Chipset	JHL7440+CH224K+GSV2201E

Drive data

Drive size	M.2 22x 30/42/60/80 mm
Drive height	-
Drive interface	M.2 NVMe
Drive capacity	Up to 16 TB
Supported M.2 card keys	M-Key
Space required	-
Clone function	-
HotSwap	Yes
Write protection	-

RAID data

RAID level	Software RAID
Auto rebuilding	-
Alarm	-

Additional features

Additional interfaces	1x USB 3.2 Gen 2 Type-A, 1x USB4® Type-C® (Data and Video), 1x HDMI®
Display	-
Control buttons	fan switch
Lock	-
Kensington Lock	-
Degree of protection	-
Cooling	Built-in fan
Fan volume	-

Power

Power supply	20 V/5 A Type-C® PD charger
Plug dimension	-

Host system

Relative humidity	-
Operating temperature	-
Operating system	Windows®, macOS®, Linux®
System requirements	Your computer must be compatible with Thunderbolt™ 3 or USB4®

Logistical data

Packing unit	10 pcs. / carton
Total weight	7.16 kg
Gross weight (with packing)	0.680 kg
Net weight	0.242 kg
Dimension / carton	445x235x195 mm
Dimension (with packing)	40x150x210 mm
Dimension of article	65x110x28 mm
Country of origin	China



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Best combined with



IB-2924MSCL-C31

Clone & Docking Station for SATA & M.2 HDDs/SSDs

[About the product](#)

IB-HUB1437-CPD

4-in-1 USB 3.2 Gen 2 Type-C® Hub

[About the product](#)

