ICY BOX
IB-1816M-C31

External Type-C™ enclosure for M.2 NVMe SSD

Key features

- Interface to host computer: USB 3.1 (Gen 2) Type-C™, up to 10 Gbit/s
- Supports PCIe 3.0 x2 transfer rate of up to 1000 megabyte per second
- M-Key socket for NVMe SSDs, 22x30/42/60/80 mm
- Housing made of high-grade aluminium
- LED for power and access
- Supports Windows®, macOS®

Packing content
1x IB-1816M-C31, 1x Type-C™ to Type-C™ cable (45 cm length), 1x Type-C™ to Type-A cable (45 cm length), 1x Screwdriver, 1x Screws set, 2x Cover panels, 1x Quick installation guide

M.2 becomes mobile

With the help of the external USB 3.1 Type-C™ enclosure IB-1816M-C31 you can take one NVMe card with you quickly and easily. It allows access to M.2 SSDs of up to 2 TB no matter to which host you connect it. The IB-1816M-C31 is compatible with M.2 cards of 30, 42, 60 and 80 mm length, operating system-independent and suitable for a variety of applications such as high-speed storage, cloning a drive or running a mobile operating system.

Technical data

Model	IB-1816M-C31		**SSD capacity**	Unlimited
Article no.	60482		**Plug & Play**	Yes
EAN code	4250078168638		**LED**	Power and access
Brand	ICY BOX		**Chipset**	JMS583
Colour	Black		**Power supply**	Bus powered
Material	Aluminium		**Operating system**	Windows®, macOS®
Interface to host computer	USB 3.1 (Gen 2) Type-C™			
Transfer rate	Up to 10 Gbit/s			
Length of cable	45 cm			
M.2 socket	M-Key			
M.2 card size	22x30/42/60/80 mm			
M.2 interface	PCIe x2			

System requirements
Your host computer must have a USB Type C™ interface.
The IB-1816M-C31 also works with computers and notebooks with USB 3.0/2.0/1.1 Type-A interfaces as long as the appropriate adapter is available.
The enclosure also works on devices with a Thunderbolt™ 3 interface with the transfer rate of 10 Gbit/s specified by USB 3.1 (Gen 2).
The Type-C™ interface can be connected with USB 3.0 or 2.0 standard in some notebooks and computers. The enclosure only supplies the full speed of 10 Gbit/s to USB 3.1 (Gen 2) Type-C™ interfaces.
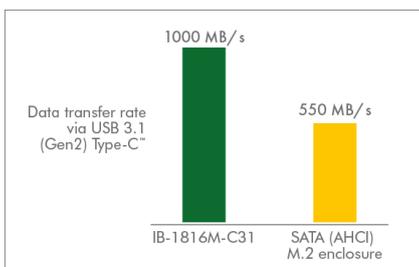The following operating systems are supported: Windows®, macOS®

RaidSonic
Technology GmbH

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Fast on the move

With USB 3.1 (Gen 2) Type-C™ even higher data transfer rates can be achieved. The high transfer rate of up to 10 Gbit/s is ensured by the supplied USB 3.1 Type-C™ cable and only needs a matching end device in the form of a PC, tablet or similar with Windows® or macOS®.

USB Type-C™ controller based on NVMe

1000 MB/s

550 MB/s

Data transfer rate via USB 3.1 (Gen2) Type-C™

IB-1816M-C31

SATA (AHCI) M.2 enclosure

If you wanted to connect an external case with an M.2 SSD via USB Type-C™ in the past, you were limited to SATA models. The new chipset allows NVMe M.2 SSDs to be connected to a USB 3.1 (Gen 2) Type-C™ host computer and enables the full data transfer rate of up to 1000 MB per second.

Lightweight aluminium

Weighing less than 40 g, the IB-1816M-C31 features a sleek, compact, and crush-resistant aluminium enclosure that safeguards the M.2 SSD against shock and vibration. Its grooved finned heatsink design supports heat dissipation for an excellent cooling effect and protects the SSD from overheating and thermal throttling even under heavy use.

Logistical data

Packing unit:	50 pcs./carton	**Dimension/carton:**	536x451x156 mm
Total weight:	10 kg/carton	**Dimension** (with packing)**:**	200x100x25 mm
Gross weight (with packing)**:**	0.180 kg	**Dimension of article:**	105x36x15 mm
Net weight:	0.075 kg	**Country of origin:**	China

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