



Solid State Drive

Quick Start Guide



Important Safeguards and Warnings

This section introduces the proper way of using the SSD, and danger and property damage preventions. Before using the SSD, read this manual carefully. Follow the instructions and keep this manual properly.

Operating Requirements

- Do not place or install the product in a place exposed to sunlight or near the heat source.
- Keep the product installed horizontally or on a stable place to prevent it from falling.
- Do not drop or splash liquid onto the product, and make sure that there is no object filled with liquid on the product to prevent liquid from flowing into the product.
- Install the product in a well-ventilated place, and do not block the ventilation of the product.
- Operate the product within the rated range of power input and output.
- Do not disassemble the product.
- Transport, use and store the product under the allowed humidity and temperature conditions.

1 Structure

1.1 Packing List

When receiving the product, check whether there is obvious damage to the packing box. Unpack the box and check whether the components are complete against the packing list.

1.1.1 With Heatsink

Table 1-1 Packing list

Name	Quantity	Name	Quantity
Solid state drive	1	CCS002-01-M.2 cooling plate	1
Thermal pad	1	M2 × 3 cross flat tail nickel plated screw	1
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1.1.2 Without Heatsink

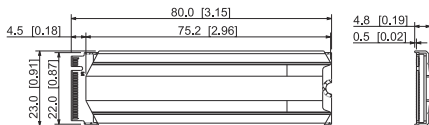
Table 1-2 Packing list

Name	Quantity	Name	Quantity
Solid state drive	1	M2 × 3 cross flat tail nickel plated screw	1
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1.2 Dimensions

The dimensions of the SSD itself is 80.0 mm × 22.0 mm × 2.2 mm (3.15" × 0.87" × 0.08"). The dimensions after installing cooling plate is 80.0 mm × 23.0 mm × 4.8 mm (3.15" × 0.91" × 0.19").

Figure 1-1 Dimensions (mm [inch])



1.3 Port

The SSD adopts M.2 port to directly connect to the M.2 port on computers and other devices.

Figure 1-2 Port



2 Installation

2.1 Preparation

Table 2-1 Environment requirements

Installation Environment	Description
Operating Temperature	0°C to +70°C (+32°F to +158°F)
Storage Temperature	-40°C to +85°C (-40°F to +185°F)
Operating Humidity	5%–95% (non-condensing)

2.2 Fixing SSD



CAUTION

- Make sure that your device has enough space before installing cooling plate.
- Install the cooling plate with even forces to avoid damage to the PCB board and other components of the SSD.

Fix the SSD and cooling plate by following the steps below before using the SSD.

Figure 2-1 Fix thermal pad and SSD

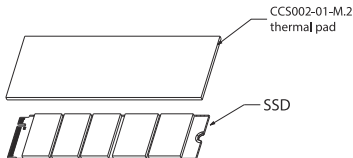


Figure 2-2 Fix cooling plate

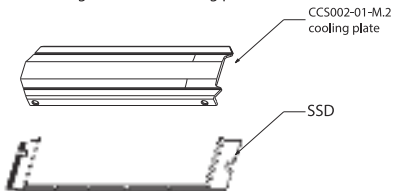


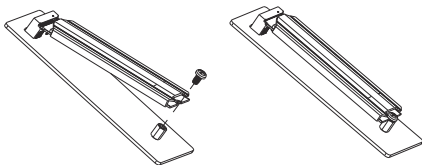
Figure 2-3 Fixing completed



2.3 Installing SSD

Insert the SSD to the M.2 port on your device, and fix it with a screw.

Figure 2-4 Install SSD



Appendix 1 Precautions for Use

- Before installing, make sure that your device mainboard supports the SSD, and that there are enough M.2 slots for the SSD.
- Make sure that your device has enough space before installing cooling plate. Install the cooling plate with even forces to avoid damage to the PCB board and other components of the SSD.
- Make sure that the M.2 slot on your device mainboard supports PCIe3.0 bandwidth; otherwise the installed SSD will not achieve the desired performance.
- Because NVMe protocol is a new technology, Windows 7 system does not come with the corresponding driver. After you install the NVMe SSD, the system might not be able to recognize it. It is recommended that you use Windows 8.1 and later, or Linux. If you still want to use Windows 7, it is recommended that you download the standard version of the NVMe driver from the network.
- When the device is running, do not plug or unplug the SSD with power on; otherwise the SSD might be damaged, which cannot be covered under the warranty.

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