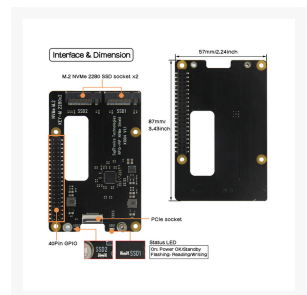## M.2 NVME DUAL SSD SCHILD PCIE
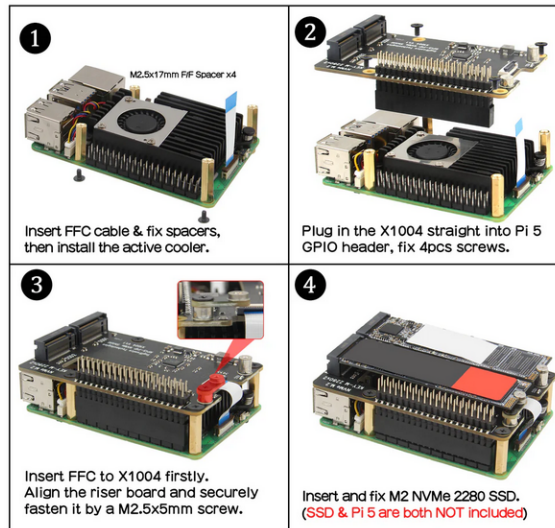
€ 54,95
Excl. BTW: € 45,41

Afbeeldingen

X1004 Install Guide

1 Insert FFC cable & fix spacers, then install the active cooler.

M2.5x17mm F/F Spacer x4

2 Plug in the X1004 straight into Pi 5 GPIO header, fix 4pcs screws.

3 Insert FFC to X1004 firstly. Align the riser board and securely fasten it by a M2.5x5mm screw.

4 Insert and fix M2 NVMe 2280 SSD.
(SSD & Pi 5 are both NOT included)
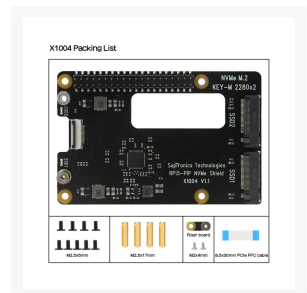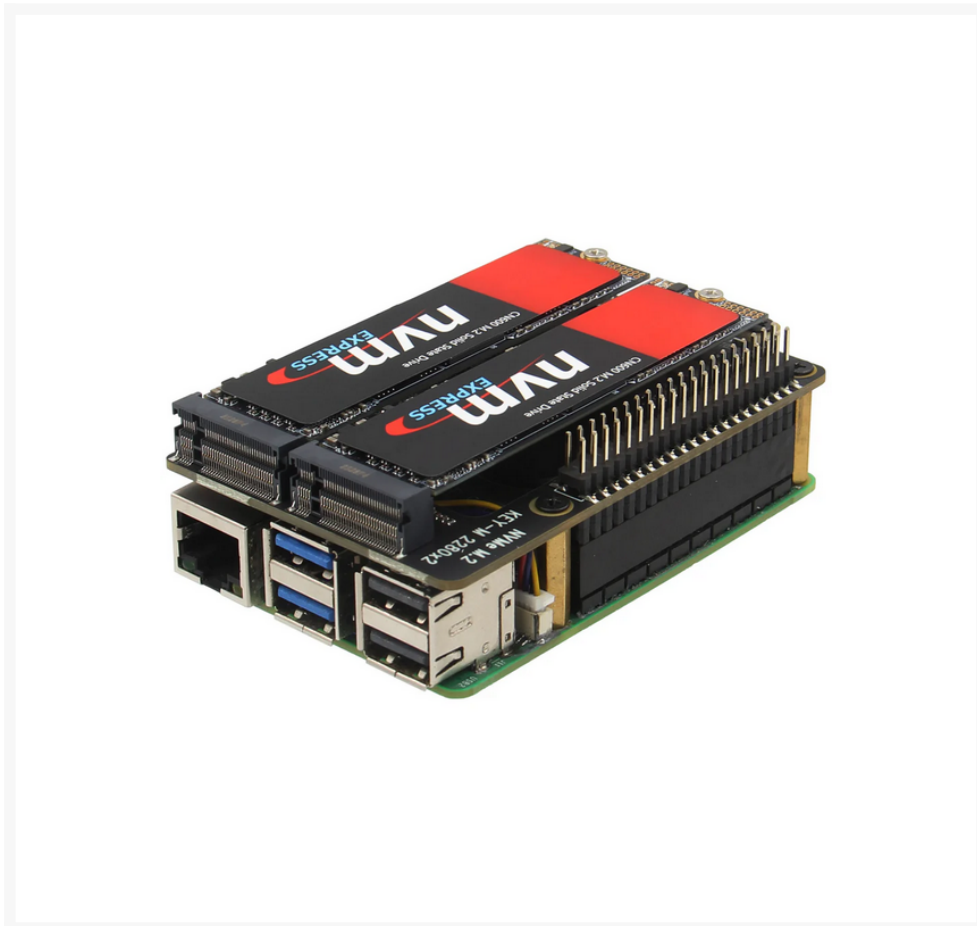
Beschrijving

NOTE:

X1004 also supports **hailo-8 ai accelerator** and can also support booting from another SSD.
PS: Hailo-8 ai and ssd share the bandwidth of PCIe 2.0. Due to the limitation of ASMedia ASM1182e PCIe switch, X1004 **DO NOT** support PCIe 3.0.

Important Notes

- Compatible with M.2 NVMe SSDs only
- Not compatible with M.2 SATA SSDs, M.2 PCIe AHCI SSDs, or other M.2 non-NVMe devices
- Older NVMe drives with less efficient flash media may not perform as well as newer drives
- New NVMe SSDs are not partitioned and will need to be both partitioned and formatted when first connected to the Raspberry Pi before they will be accessed in the Explorer.

Features

- Compatible with Raspberry Pi 5 Only
- Model: X1004
- The perfect storage solution for your Raspberry Pi 5 - introducing the M.2 NVMe dual SSD Shield
- Supports a total of 8TB storage capacity (4TB+4TB) with M.2 NVMe solid-state drives
- Accommodates two full-size 2280 NVMe SSDs
- Provides speedy data transfer with PCIe 2.0 5Gbps
- Fully compatible with the Raspberry Pi official active cooler
- LED indicators in blue display power and drive status
- Features an integrated high-performance PCIe packet switch
- Equipped with two high-efficiency DC/DC step-down converters, delivering a maximum of 3.5A+3.5A to power your SSDs
- Designed to be attached on top, allowing stacking with other HATs
- Powered via the 40-pin GPIO header & PCIe FFC
- Compatible with the HAT+ STANDBY power state, automatically turning off when the Pi 5 shuts down.
- Since X1004 is using ASMedia ASM1182e PCIe switch, it can't support PCIe Gen 3 speed, so even though we forced to turn on PCIe Gen 3.0 setting in Raspberry Pi 5, it is limited by ASMedia ASM1182e PCIe switch. speed is

30-04-2025

still PCIe Gen 2.0 speed.

Packing List:

- 1 x X1004 v1.1 Shield
- 1 x Scews Pack

Productinformatie

Artikelnummer	RBP5X1004
Merk	GEEKWORM
Is on Sale	Nee