X1 SODIMM DDR5

The first DDR5 memory module with the HP brand, the HP X1 delivers all the benefits of a new generation of memory: higher speeds, lower power use, and more bandwidth. With an aggressive speed up to 5600 MHz, DDR5 memory runs at a lower voltage (1.1 V vs 1.2 V) than DDR4. The PMIC (Power Management IC) is integrated on the memory module as well the on-die ECC (Error-Correction Code) which adds enhanced stability and reliability.

| Hand-screend ICs | Up to 5600 MHz | PMIC | On-die ECC |

Product Features

> 5600 MHz makes multi-tasking easier than ever

Built with high quality ICs, the HP X1 delivers a fast speed up to 5600 MHz. It complements the powerful performance of the latest generations of CPU, providing you with effortless multitasking.

> New-gen DDR5 delivers powerful performance

The new-gen HP X1 DDR5 brings you faster speed, larger capacity. Featuring two independently addressable 32-bit subchannels, the HP X1 fuels your rendering and creation as well as reducing latency.

> PMIC saves about 20% power consumptionPMIC saves about 20% power consumption

With a working voltage of 1.1V, the HP X1 DDR5 saves about 20% of the power of DDR4. And the PMIC adds effective power management so you can run your system with more reliability.

> On-die ECC ensures secure and stable data transmission

On-die ECC corrects errors on the received data from the DRAMs, providing enhanced stability and data integrity .

> Trusted global brand offers superb customer services

The HP X1 DDR5 comes with a 5-year warranty for your peace of mind. There are 400+ support centers to offer worry-free after-sales services.

HP Advantage

HP is one of the world's most recognized and valuable brands (ranked annually by such organizations as BusinessWeek, Interbrand, and Boston Consulting Group). Fueled by innovative research and distinctive marketing, the HP brand is famous as a world leader in personal computers, printers and other IT products.

HP personal storage continues to forge ahead in technology, creating new storage products so customers can upgrade their computing experience with the comfort of a great product and a comprehensive after-sales system providing service globally.

Under an official worldwide license, HP personal storage (SSDs, DRAM, memory cards) products are designed, built, marketed, and sold by BIWIN Technology. All trademarks are property of the respective brand owners.

X1 SODIMM DDR5 Product Specifications

RAM Type	DDR5
DIMM Type	SO-DIMM
Speed	4800 MHz / 5600MHz
Timing	CL40 / CL46
Capacity	16 GB / 32 GB
Rank	1R x 8 / 2R x 8
Voltage	1.1 V
Working Temperature	0 ℃ to 85 ℃
Dimensions	69.60 x 30.00 x 3.50 mm
Weight	≤ 30 g
Pin	262 Pin
Certifications	CE, FCC, RoHS, VCCI, RCM, UKCA
Warranty	5-Year Limited

1. Updates are required throughout product life cycle when necessary. We reserve the right to change product images and specifications at any time without notice.

2. All product specifications are under internal test results and are subject to variations by user's system configuration.

3. Product are subject to regional availability.

4. Instructions for purchasing high-frequency memory: overclocking memory needs to be equipped with a matching motherboard and processor to exert its overclocking performance. Please verify prior to purchase whether your motherboard and CPU support the specifications of what you want to buy. Activate XMP after installation to enjoy the overclocking speed.

5. For DDR5, please check before purchase if your laptop can use the new DDR5 technology.

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