TEROS

PART NUMBER
DSOPSTEOPSI542

OPS COMPUTER MODULE

TE-OPSI542

Intel Core i5-13420H · 16 GB DDR4 · 512 GB SSD · vPro and TPM 2.0

INTEL VPRO AND TPM 2.0
Remote management and encryption for institutional fleets

OPS module with Intel vPro and TPM 2.0 to manage and secure the unit remotely. 13th-generation Core i5-13420H processor, 16 GB of RAM and a 512 GB SSD, with support up to 8K at 30 Hz, Wi-Fi 6 and compatibility with Windows 10, 11 and Linux.



MANAGEABLE REMOTELY, CLASSROOM BY CLASSROOM

REFERENCE IMAGE

PROCESSOR	MEMORY	STORAGE	SECURITY
Core i5-13420H	16 GB DDR4	512 GB SSD	vPro · TPM 2.0

WHAT IT SOLVES

Desktop power with fleet control

Intel vPro

Lets you power on, update and repair the unit remotely, even if the operating system does not boot.

TPM 2.0

The security chip Windows 11 requires, which enables disk encryption with BitLocker.

13th-gen Core i5

An i5-13420H with 16 GB of RAM and a 512 GB SSD: twice the storage of the previous model.

Windows and Linux

Compatible with Windows 10, Windows 11 and Linux distributions, depending on what the institution uses.

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vPro and TPM 2.0: vPro lets the IT team power on, update or repair the unit remotely, even when the operating system does not boot; TPM 2.0 is the chip that stores the encryption keys and that Windows 11 requires. In an institution with boards spread across several classrooms, that avoids sending a technician to each one.

WHERE IT DELIVERS

Built for the classroom or room that demands the most

FLEET MANAGEMENT

One technician for every classroom

With vPro, IT updates, diagnoses and restarts each module from the central console, without going round the rooms one by one.

- Intel vPro
- Remote management
- Windows 10, 11 and Linux

DATA SECURITY

An encrypted disk on a shared unit

On a board used by several teachers, TPM 2.0 lets you encrypt the disk: if the module is removed, the data cannot be read.

- TPM 2.0
- BitLocker compatible
- Required by Windows 11

PERFORMANCE AND SPACE

512 GB for heavy content

Twice the storage of the previous model: enough for class material, videos and applications without depending on the network.

- 512 GB SSD
- 16 GB DDR4
- Up to 8K at 30 Hz

DATASHEET · OPS MODULE

System, ports and compatibility

SYSTEM

Processor	Intel Core i5-13420H · with Intel vPro
Memory	16 GB DDR4
Storage	512 GB SSD
Graphics	12th-gen Intel UHD Graphics
Maximum resolution	8K at 30 Hz · OPS output 4K at 60 Hz
Operating system	Windows 11 Pro 64-bit · licence not activated

NETWORK

Wired	Realtek 8111H Ethernet
Wireless	Wi-Fi 6 and Bluetooth · M.2 2230 · 2 antennas

FRONT PORTS

Video	1 x HDMI 1.4 · 1 x DisplayPort 1.4
USB	2 x USB 3.1 · 2 x USB 2.0 · 1 x USB-C
Network and audio	1 x RJ45 · audio and microphone combo
OPS interface	HDMI 2.0 4K60 · DP 1.4 · 3 USB · TTL · DC input

FORMAT AND COMPATIBILITY

Format	OPS module for interactive whiteboard
Compatible with	TEROS interactive whiteboards
Dimensions	11.9 x 18.0 x 3.0 cm
Security	Intel vPro and TPM 2.0

POWER AND ENVIRONMENT

Input	12 – 19 V DC · operation from -5 °C to 45 °C

WARRANTY

12 months

* TEROS products only · new product (NV)

SYSTEM

13TH-GEN i5 · 16 GB · 512 GB

Windows 10, 11 and Linux · Intel vPro

SECURITY

vPRO · TPM 2.0

Remote management and disk encryption

For more information or project advice, contact your authorized distributor.

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