TEROS

PART NUMBER
DSOPSTEOPSI540

OPS COMPUTER MODULE

TE-OPSI540

Intel Core i5-12450H · 16 GB DDR4 · 256 GB NVMe SSD · 4K at 60 Hz

THE PC GOES INSIDE THE BOARD
OPS format: it slots in, with no cables in sight

OPS-format computer module for TEROS interactive whiteboards. Intel Core i5-12450H processor, 16 GB of DDR4 RAM and a 256 GB NVMe SSD, with 4K output at 60 Hz, Wi-Fi 6 and gigabit networking. It slots into the board and stays hidden.



A COMPLETE COMPUTER INSIDE THE SCREEN

REFERENCE IMAGE

PROCESSOR	MEMORY	STORAGE	VIDEO
Core i5-12450H	16 GB DDR4	256 GB NVMe	4K at 60 Hz

WHAT IT SOLVES

The whole computer, without a single cable in sight

OPS format
It slots into the board and connects through a single internal plug: no HDMI or USB on the outside.

12th-gen Core i5
An i5-12450H with 16 GB of RAM: the power of a work laptop, not of a low-power mini PC.

Wi-Fi 6 and gigabit network
Wi-Fi 6 module with Bluetooth and a gigabit Ethernet port: connects by cable or wirelessly, as the classroom needs.

4K at 60 Hz
Delivers the native resolution of interactive whiteboards, with 12th-gen Intel UHD graphics.

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What an OPS module is: a standard created by Intel for professional displays. Instead of hanging a PC behind the board and connecting it with video, network and USB cables, the module slides into a slot in the display itself and stays inside. One unit, no cables in sight, and it comes out in seconds to be swapped.

WHERE IT DELIVERS

Built for classrooms and rooms with an interactive whiteboard

CLASSROOMS AND MEETING ROOMS

The board becomes a PC

Compatible with TEROS 75" and 86" interactive whiteboards: the teacher or presenter works directly on the screen, without bringing a laptop.

- Compatible with TE-7511W and TE-8612W
- Windows 11 Pro 64-bit
- 4K at 60 Hz

MAINTENANCE AND REPLACEMENT

Out and swapped in minutes

If the unit fails or falls short, the module is pulled out and replaced without dismounting the board or touching the electrical installation.

- 18 x 3 x 11.9 cm · 0.9 kg
- Removable without tools
- RoHS and REACH 2.0

FULL CONNECTIVITY

Every port at the front

HDMI, DisplayPort, four USB, USB-C, network and audio stay accessible on the front of the module, even with the board mounted on the wall.

- HDMI 1.4 and DP 1.4
- 2 USB 3.1 and 2 USB 2.0
- USB-C · RJ45 · audio

DATASHEET · OPS MODULE

System, ports and compatibility

SYSTEM

Processor	Intel Core i5-12450H
Memory	16 GB DDR4
Storage	256 GB NVMe SSD
Graphics	12th-gen Intel UHD Graphics
Maximum resolution	4K at 60 Hz
Operating system	Windows 11 Pro 64-bit · licence not activated

NETWORK

Wired	Intel Gigabit Ethernet
Wireless	Wi-Fi 6 (Intel AX101) and Bluetooth · M.2 2230

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

FORMAT AND COMPATIBILITY

Format	OPS module for interactive whiteboard
Compatible with	TEROS 75" and 86" whiteboards
Dimensions	18.0 x 3.0 x 11.9 cm
Weight	0.9 kg

POWER AND ENVIRONMENT

Input	12 – 19 V DC
Temperature	-40 °C to 75 °C · RoHS and REACH 2.0

WARRANTY
12 months
* TEROS products only · new product (NV)

SYSTEM
i5 · 16 GB · 256 GB
Windows 11 Pro · licence not activated

CONNECTIVITY
4K 60 HZ · WI-FI 6
HDMI, DP, 5 USB, gigabit RJ45 and audio

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

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