

NX-OPS-I516-12

12th Gen Intel Core i5 OPS PC Module

Plug-in OPS computer with DDR5 performance — turns any interactive display into a 4K all-in-one PC.



The NX-OPS-I516-12 is an Open Pluggable Specification (OPS) PC module powered by a 12th-Gen Intel Core i5-1240P processor with fast DDR5 memory. Sliding into the standard 80-pin JAE slot of any compatible interactive panel, it delivers 4K@60Hz output, Windows 11 Pro, and NVMe storage — converting a display into a responsive all-in-one touch computer.

KEY FEATURES

- ✓ **12th-Gen Intel Core i5** — i5-1240P, 12-core / 16-thread up to 4.4GHz for heavy workloads.
- ✓ **DDR5 + NVMe** — 16GB DDR5-4800 with PCIe 3.0 NVMe SSD for fast response.
- ✓ **True OPS Plug-In** — Standard 80-pin JAE slot installs with one insertion.
- ✓ **4K @ 60Hz Output** — HDMI / Mini DP / Type-C 3.2 each drive 4K displays.
- ✓ **Windows 11 Pro** — Ready for signage, education, and collaboration apps.

APPLICATIONS

- Interactive flat panels
- Digital signage
- Classrooms
- Meeting rooms
- Control rooms
- Retail displays

TECHNICAL SPECIFICATIONS

Model	NX-OPS-I516-12	Processor	Intel Core i5-1240P (12C/16T, 4.4GHz, 12MB)
Memory	16GB DDR5-4800 (up to 32GB)	Storage	M.2 NVMe PCIe 3.0 + 2.5" HDD bay
Graphics	Intel UHD (12th Gen)	OS	Windows 10 / 11 Pro
Network	Gigabit Ethernet	Wireless	WiFi 802.11ac + BT 4.2
Display Out	HDMI 2.0 / Mini DP / Type-C 3.2 (4K@60Hz)	USB	2× USB 3.0 + 2× USB 2.0
Connector	80-pin JAE (OPS)	TPM	Firmware TPM 2.0 (optional)
Power	12–19V DC-IN	Dimensions	180 × 119 × 30 mm
Operating Temp.	-5°C ~ 45°C	Warranty	36 Months

CERTIFICATIONS

CE

FCC

RoHS