

PDMPAL-V - ALDER LAKE i5 12450H • COMPACT NUC MiniPC

Simply Small. Simply Smart.



The **AI NUC® PDMPAL-V** is a high-performance, ultra-compact mini-PC engineered for modern corporate environments, sleek workstations, and multi-display setups. Powered by the 12th Gen Intel® Core™ i5 processor, it packs desktop-class capabilities into a form factor that fits in the palm of your hand,

Intel® i5 12th Gen Intel® Alder Lake i5 12450H	3 DISPLAY Support 1 x HDMI x 1 DP x Type C	UP TO 64 GB DDR4 2666 MHz	ULTRA COMPACT 114 x 124 x 39 mm
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TECHNICAL SPECIFICATIONS

Processor	Intel® Alder Lake i5 12450H
Graphics	Intel® UHD Graphics
Memory	2 x SO-DIMM DDR4, up to 64 GB
Storage	1 x M.2 2280 NVME up to 2TB, 1 x 2.5 SATA Max up to 2TB
Video Output	1 x HDMI, 1 x Display Port, 1 x Type C
Wireless /	Wi-Fi 5 / BT4.2 (Wi-Fi 6 / BT5.0 Optional)
Ethernet	1 x RJ45, 10/100/1000Mbps
USB	2 x USB 3.2, 2 x USB 2.0, 1 x Type C, 1 x Type C (thunderbolt),
Audio	1 x 3.5mm Combo Audio Jack; 1 x Digital Mic
Front I/O	1 x Type C, 2 x USB 3.2 (Type A); 1 x Audio Jack, 1 x Power Button, 1 x Digital Mic
Rear I/O	2 x USB 2.0; 1 x Type C (thunderbolt), 1 x DC-IN; 1 x RJ45, 1 x HDMI Type-A, 1 x Display Port
Operating System	Windows 11 / Linux
Power	12V-19V DC IN
Dimensions (LxWxT)	114 x 124 x 39mm

CORPORATE DESIGN ADVANTAGES

Robust Performance	Powered by the Intel® Alder Lake Core™ i5-12450H processor with integrated Intel® UHD Graphics for seamless multitasking.
Three Display Support:	Boost productivity with up to 3 simultaneous displays utilizing HDMI, DP, and Thunderbolt Type-C ports.
Massive Expandability	Supports up to 64GB DDR4 RAM and flexible dual-storage configurations (NVMe + SATA).
Secure Physical Deployment	Kensington Lock and VESA Mount Ready design
Efficiency & Sustainability	Compact design supports smaller carbon footprint and less e-waste.

Model: PDMPAL-V | AINUC Mini PC

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