

PDMPALQC-SLI - TWIN LAKE N150 • COMPACT NUC MiniPC

Simply Small. Simply Smart.



The AI NUC® PDMPALQC-SLI is an ultra-reliable, industrial-grade mini-PC designed specifically for embedded control, edge computing, automation, and IoT applications. Built on an energy-efficient Intel® Alder Lake architecture, it supports Windows 11 IoT and Linux Embedded platforms while maintaining a compact, low-thermal footprint,

N150 QUAD CORE Intel® Twin Lake N150	DUAL 4K DISPLAYS 2 x HDMI	UP TO 16 GB DDR4 2666 MHz	ULTRA COMPACT 120 x 120 x 37 mm
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TECHNICAL SPECIFICATIONS

Processor	Intel® Twin Lake N150 Quad Core
Graphics	Intel® UHD Graphics
Memory	1 x SO-DIMM DDR4 3200 MHz; up to 16 GB
Storage	1 x M.2 2280 Key M PCIe Gen3 for NVMe/ SATA 3.0 SSD
Video Output	2 x HDMI, 4K @ 60 Hz
Wireless / Ethernet	1 x RJ45, 10/100/1000Mbps, 1 x M.2 KEY E 2230 with PCIe USB2.0
USB	2 x USB 3.2, 2 x USB 2.0x 1 x Type C (USB3.2), 1 Type C (Supports PD65W Input, DP Output display and USB 3.2)
Audio	1 x 3.5mm Combo Audio Jack; 2 x Digital Mic, 2 segments Digital Microphone Input
Front I/O	1 x Type C (USB3.2), 2 x USB 3.2 (Type A); 1 x Audio Jack, 1 x Power Button, 2 x Digital Mic
Rear I/O	2 x USB 2.0; 1 x DC-IN; 1 x RJ45, 2 x HDMI Type-A, 1 x Type C
Operating System	Windows 11 / Linux
Power	12V-19V DC IN, 2.5/5.5 DC Jack
Operating Temperature	-5°C ~ 45°C
Dimensions	120 x 120 x 37mm

CORPORATE DESIGN ADVANTAGES

Compact Deployment	Small, lightweight form factor for space-constrained corporate environments.
Dual Independent Displays	Supports two 4K displays simultaneously for enhanced multitasking.
Flexible Expansion	Up to 16 GB DDR4 memory and PCIe NVMe Gen3 for NVMe/ SATA 3.0 SSD.
Secure Physical Deployment	Kensington Lock and VESA Mount Ready design
Efficiency & Sustainability	Compact design supports smaller carbon footprint and less e-waste.

Model: PDMPALQC-SLI | AiNUC Mini PC

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