

## LPC-501 - POWERFUL SMALL PC WITH PCI/PCIE EXPANSION SLOTS (12TH GEN)



**\$2,080.00 USD**

***Ideal for limited space applications without sacrificing power, storage and expansion***

- Powerful 12th Generation Intel® Core™ Processors
- Massive Storage Options & 128GB of DDR4 Memory
  - M.2 NVME options
- PCIe Expansion Slots for Add-In Cards
- Panel/Wall/Desk/Bench/Tower Mounting
  - Locking / Latching Front Door
- Custom Built to your Exacting Specifications
  - 2-Year Warranty



## GALLERY IMAGES



## PRODUCT DESCRIPTION

The Stealth Model: LPC-501 is a small form factor PC equipped with the processing power and expansion capabilities generally found in much larger computers. This machine is an excellent fit for demanding 24/7 applications where space is limited. The durable system chassis allows for easy installation into control panels, consoles, cabinets, walls or it can be placed on a desk or bench top.

Stealth's LPC-501 utilizes Intel's® 12th Generation Core™ Processors, up to 128GB of Memory and built to deliver the ultimate in computing power necessary to meet your demanding business and application needs. The LPC-501 also features PCIe expansion slots, multiple drives for mass storage (up to 28TB) and can be fully custom configured to suit your needs.

Prior to shipping each and every Stealth system is put through our rigorous QA burn-in procedure that is documented and controlled through our ISO 9001 quality management system.

Stealth's Industrial PC systems are ideal for telephony, industrial control, plant automation, Datacenter/ISPs, IoT (Internet of Things), IIoT (Industrial Internet of Things), networking, machine vision, and data acquisition applications to name a few.

## ADDITIONAL INFORMATION

**Processor**

Supporting Intel®'s 12th Generation Core™ Processors (Alder Lake)

Intel® Core™ i3-12100 (4 Cores / 8 Threads, up to 4.30GHz)

Intel® Core™ i5-12500 (6 Cores / 12 Threads, up to 4.60GHz)

Intel® Core™ i7-12700 (12 Cores / 20 Threads, up to 4.90GHz)

Intel® Core™ i9-12900 (16 Cores / 24 Threads, up to 5.10GHz)

**Memory**

4 DDR5 Memory Sockets supporting up to 128GB RAM / Memory

Optional Onboard RAID configuration (0, 1, 5, 10), requires multiple drives

**Drive Bays**

Optional Support for 2 x 2.5" Bays (Replaces 3.5" Bay)

(1) 5.25" Open Bay (For use with 5.25" Optical Drives, internal Hard Drives, etc.)

(1) 3.5" Internal drive bay – standard

**Removable Storage**

Optional support for all Standard 5.25" Optical Disk Drives

Optional DVDRW/Blu-Ray Burner

Optional Removable drive bay with Key locking (uses 5.25" expansion bay)

**Expansion Slot(s)**

1 x PCIe 4.0 x16 slot

1 x PCIe 4.0 x16 slot (Supports x4 mode)

1 x PCIe 4.0 x16 slot (Supports x1 mode)

2 x M.2 Slot, with M key, type 2242/2260/2280 (support PCIe 4.0 x4 mode)

**Video**

Intel® UHD Graphics 770

Supports triple-display simultaneously

**Audio**

Onboard 8-Channel High Definition Audio CODEC

**Networking**

1 onboard 2.5Gb Ethernet controller, RJ-45 interface, PXE and WOL Supported

Optional support for Fiber, 10GB, Wireless and more

**TPM Module**

Optional TPM 2.0 (Trusted Platform Module), provides increased hardware security.

## Ports

- (1) PS/2 combo port for Keyboard & Mouse
- (1) RJ45 2.5Gb Ethernet port
- (2) USB 3.2 Gen 2 Type-A (rear mounted)
- (2) HDMI
- (2) USB 3.0 Ports (Front Mounted)
- (4) USB 2.0 Ports (Rear Mounted)
- (3) Audio Jacks (Input, Output and MIC)
- (1) DisplayPort

## Operating Systems

- Windows Server 2022
- Windows 11 (64-bit) – Requires TPM 2.0
- Windows 10 (64-bit)
- Ubuntu Linux
- Please contact us directly for any special requirements

## Power Supply

- Optional VDC inputs available
- 100-240 VAC, 50Hz – 60Hz, 550W power supply (standard)

## Cooling Fans

- (1) Side intake Cooling Fan
- (1) Exhaust fans via the Power Supply

## Environmental

- Operating Temperature: 0 – 45C (32 to 113 F)

## Chassis Description

- Includes Panel/Wall Mount Brackets
- Rugged Steel Chassis, Panel, Wall, Desktop, mounting locking front door, Side cooling Fan(s)

## Dimensions

- 13.5" W x 5.6" H x " 13.5"D (340mm x 140mm x 340mm)

## Weight

- Approx. 35 lbs. depending on configuration

## Warranty

- 2 Year limited Warranty, Standard
- 1 Year Extended Warranty available (see Configurator/Price List)

## Disclaimer

- Note: Specifications are subject to change without notice.