

## LPC-960 - RUGGED FANLESS MINI PC WITH DUAL REMOVABLE DRIVES



**\$3,040.00 USD**

### ***Fanless PC with Dual Removable Drives***

- Powerful Intel® 9th Generation Core™ i3, i5, i7 & Xeon processors
  - ECC Memory Support
- Supports up to 4K resolution, Triple Display support
  - 16 DIO (8 In/ 8 Out Digital input/output) ports
    - Dual Removable Front Drives
    - Solid State Drives (SSD) Standard
- Wide Range 6-36 VDC Input, ideal for mobile/field
  - Wall, VESA, & DIN Rail mounting
- Windows 10 / 10 IoT, Windows 11, Server 2022, and Linux
  - RoHS, CE & FCC, EN50121-3-2, EN50155 certified
  - Wide Range Temperature version also available
    - Rackmount model version also available



## GALLERY IMAGES



## PRODUCT DESCRIPTION

The new Stealth LPC-960 Mini PC is the leading edge in small form factor computing, featuring Intel® 9th Generation Core™ i3, i5, i7 & Xeon processors and packed with robust capabilities it makes it ideal for a large variety of demanding applications.

Fanless by design, the LPC-960 comes with Dual Removable Front Drive Bays, providing easy drive swapping and optional RAID configurations. Equipped with 256GB solid state drive(SSD), upgradeable to 4TB (with dual drives), as well as 8GB of RAM – upgradeable to 64GB and optional ECC memory.

This LPC-960 fanless mini PC includes an abundance of I/O ports such as SFP Network Ports, Gigabit networking, USB 3.0 ports, RS232 COM ports, 16 DIO (Digital input/output), external SIM card sockets for wireless connectivity and audio/video ports. Supporting up to 4K resolution & Triple Display support.

Engineered to be extremely mobile application friendly with the inclusion of Wide Range 10-36 VDC power input. The LPC-960 also incorporates TPM 2.0 (Trusted Platform Module) to provide increased hardware security.

The LPC-900 series is RoHS, CE & FCC, EN50121-3-2 & EN50155 certified, and designed for use in a multitude of applications including: Audio/Video Recording, Embedded Control, Digital Signs, Interactive Kiosks, IoT, Industrial Internet of Things (IIoT), Transportation/Rail, Thin-Clients, and Human/Machine Interface.

## ADDITIONAL INFORMATION

### Processor

Supporting Intel® Core™ 9th Generation, and Xeon® Processors  
Intel® Celeron® G4900T (2 Cores / 2 Threads, 2.9Ghz)  
Intel® Pentium® Gold G5400T (2 Cores / 4 Threads, up to 3.1Ghz)  
Intel® Core™ i3-9100TE (4 Cores / 4 Threads, up to 3.2Ghz)  
Intel® Core™ i5-9500TE (6 Cores / 6 Threads, up to 3.6Ghz)  
Intel® Core™ i7-9700TE (8 Cores / 8 Threads, up to 3.8Ghz)  
Intel® Xeon® E-2278GEL (8 Cores / 16 Threads, up to 3.90Ghz)

### BIOS

AMI

### Chipset

Intel® C246

### Memory

2x DDR4 Memory Sockets Supporting up to 64GB of RAM / Memory  
Optional ECC Memory Support (available for Celeron, Pentium, Core i3 and Xeon CPUs only)

### Internal Storage

256GB 3D NAND SSD (Solid State Drive) standard (SATA)  
Options of up to 2TB SSD internal storage.  
Optional Onboard RAID configurations (0, 1), requires multiple drives

### Internal Expansion Option

2 Internal full sized Mini-PCIe expansion slots

### Video

Intel® HD Graphics 610 (Intel® Celeron and Pentium Processors)  
Intel® HD Graphics 630 (Intel® 9th Generation and Xeon Processors)  
DisplayPort: Up to 4096 x 2304 @ 60Hz  
DVI-D: Up to 1920 x 1080 @ 60Hz  
DVI-I: Up to 1920 x 1200 @ 60Hz

## Networking

LAN1: Intel® I219LM  
Intel® iAMT 12.0 Support (Lan 1)  
LAN2: Intel® I210  
LAN3: Intel® I210, POE+ (802.3at 25.5W @ 48V)  
LAN4: Intel® I210, POE+ (802.3at 25.5W @ 48V)  
LAN5: Intel® I210, POE+ (802.3at 25.5W @ 48V)  
LAN6: Intel® I210, POE+ (802.3at 25.5W @ 48V)  
LAN7: Intel® I350 SFP Port  
LAN8: Intel® I350 SFP Port  
PXE (Pre-Boot Execution Environment) Support  
WoL (Wake On Lan) Support  
Optional 802.11 b/g/n/ac Dual Band (2.4Ghz / 5Ghz) Wireless  
Networking and Bluetooth 4.0, Realtek® RTL8821AE via internal  
Mini-PCle

## Audio

Integrated Realtek High Definition Audio CODEC ALC892, 5.1  
Channel HD Audio

## Operating Systems

Windows Server 2022  
Windows 11 (64-bit)  
Windows 10 (64-bit)  
Ubuntu Linux

## TPM Module

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

## Chassis Description

Fanless Rugged Aluminum Chassis

## Power Input

Input: 6V – 36V DC  
Rear Locking 3-Pin Ignition Switch (12V or 24V)  
Rear Locking 3-Pin power Jack ideal for mobile applications  
280W AC Adapter

## Included with System

North American Power Cord  
Wall Mount Bracket  
\* NOTE: Subject to change without notice  
16x DIO (Digital input / output) with Isolation

## Rear Panel

4 x RJ45 GB Network PoE+ Ports  
4x RS232 COM ports  
Rear Locking 3-Pin Ignition Switch (12V or 24V)  
2 x USB 3.0 Ports

## Front Panel

(2) Removable 2.5" Drive Bays  
(2) SIM Communication Slots (3G / LTE)  
1 x CFast Socket with Push-in/Pull-out Ejector  
1x Display Port Video Connector  
1x DVI-D video connector  
1x DVI-I Video Connector  
2 x SFP Network Ports  
2x Gigabit RJ45 Network connections  
4x USB 3.0 Ports  
Audio Line-Out Jack  
Microphone Input Jack  
Power and Hard Drive notification LED  
Power-on button with LED  
Reset button

## Dimensions

10.2" (W) x 6.9" (L) x 3.1" (H) (260mm x 175mm x 79mm)

Shock: IEC 60068-2-27, SSD: 50G @ wallmount, Half-sine, 11ms

Vibration: IEC 60068-2-64, SSD: 5Grms, 5Hz to 500Hz, 3 Axis

## Environmental

Humidity: 5% ~ 95%, non-condensing (Operating & Non-Operating)

Operating Temperature: 0 – 40C (32 to 104 F)

EN50121-3-2

EN50155

## Approvals

RoHS

CE

FCC

## Weight

Unit Weight: 10.14 lbs / 4.6 KG (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.