

## LPC-860 - RUGGED FANLESS, MINI PC WITH DUAL REMOVABLE DRIVES



**\$2,035.00 USD**

### ***Powerful, Rugged & Versatile Fanless PC***

- No noise, Rugged Fanless Chassis
- Powerful Intel's® 6th and 7th generation Core™ i5 & i7 mobile processors
  - 8x DIO (Digital input/output) ports
  - Dual Removable Front Drives
- Wide Range 9-48 VDC Input, ideal for mobile/field
- Built-in Gigabit LAN, USB 3.0/2.0, Audio, Serial, Video (DVI-I & Displayport)
  - 4K Resolution, Ultra HD, Triple Display support
  - Solid State Drives (SSD) Standard
  - Windows 7, 8.1, 10 and Linux
  - CE, FCC & RoHS
- See our FAQ - Why Choose Fanless?
- Rackmount model version also available



## GALLERY IMAGES



## PRODUCT DESCRIPTION

The Stealth LPC-860 is a powerful yet silent workhorse, housed in a heat-dispersing, dust-repellent aluminum chassis so quiet you could hear a pin drop - even at full operational capacity.

This rugged fanless mini PC designed for high performance is well equipped with Intel's® 6th and 7th generation Core™ i5 & i7 mobile processors, supporting up to 32GB of DDR4 RAM and capacity of up to 8TB in solid state drives(SSD) when equipped with 4 internal drives.

This LPC-860 mini PC includes, two Removable Front Drive Bays, providing easy drive swapping and optional RAID configurations. The powerful small form factor pc also includes an abundance of I/O ports such as USB 3.0/2.0 ports, RS232 COM ports, Gigabit networking, external SIM card sockets for wireless connectivity and audio/video ports.

Stealth's LPC-860 small pc is designed to handle 4K Ultra HD Resolution video and can support up to three connected displays via DisplayPort and DVI-I video ports. The LPC-860 also features 8x DIO (Digital input/output) with Isolation, offering the advantage of providing electrical isolation of digital signals.

Stealth developed the LPC-860 to be more than just your average mini PC, it engineered to be extremely mobile application friendly with the inclusion of Wide Range 9-48 VDC power input and to protect the system the power is regulated with OVP (Over Voltage Protection), OCP (Over Current Protection) & Reverse Protection.

The LPC-800 series is RoHS, CE & FCC certified, and designed for use in a multitude of applications including: Audio/Video Recording, Embedded Control, Digital Signs, Interactive Kiosks, Thin-Clients, and Human/Machine Interface.

## ADDITIONAL INFORMATION

**Processor**

Intel® Core™ i7-7700T (4 Cores / 8 Threads, up to 3.80Ghz)  
Supporting Intel® 6th Gen Core™ Processor i5-6500TE, Quad  
Core, 6MB Cache, up to 3.3 GHz (standard)  
Optional Intel® 6th Gen Core™ Processor i7-6700TE , Quad  
Core, 8MB Cache, up to 3.4 GHz

**BIOS**

AMI 128Mbit SPI BIOS

**Chipset**

Intel® Q170 Express Chipset

**Memory**

2x DDR4 Memory Sockets Supporting up to 32GB of RAM /  
Memory

**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, 5, 10), requires  
multiple drives

**Internal Expansion Option**

4 Internal full sized Mini-PCIe expansion slots

**Video**

Integrated Intel HD Graphics 530  
Includes DVI-I (DVI-D Signaling) & 2x DisplayPort video ports  
Supports 4K Ultra HD Resolution as well as 1080p HD Video  
Triple Display support with DisplayPort and DVI-I  
Max Resolution, DisplayPort Mode: 4096x2304 @ 60Hz, DVI  
Mode: 1920 x 1200 @ 60Hz  
Optional 4/8 x 10/100/1000 RJ45 POE Network connections on  
Front Panel

**Networking**

2 onboard Gigabit Ethernet controllers, RJ-45 interface, PXE and  
WOL Supported  
LAN1: Intel I210-AT, LAN2: Intel I219LM  
Optional 802.11 b/g/n/ac Dual Band (2.4Ghz / 5Ghz) Wireless  
Networking and Bluetooth 4.0, Realtek® RTL8821AE via internal  
Mini-PCIe

**Communications**

2x External SIM card sockets for wireless connectivity

**Audio**

Integrated Realtek High Definition Audio CODEC ALC888S

## Operating Systems

Windows 10 (64-bit)  
Windows Server 2019  
Windows 7 (32 and 64-bit)  
Windows 8.1 (32 and 64-Bit)

Ubuntu Linux

Please contact us directly for any special requirements

## TPM Module

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

## WatchDog Timer

1 ~ 255 sec/min

System Reset

## Hardware Monitor

Processor temperature

Voltage

## Chassis Description

Fanless Rugged Aluminum Chassis

Input is 9V – 48V DC

Power Mode: AT & ATX

Rear Locking 3-Pin power Jack ideal for mobile applications

## Power Input

Includes External AC Adapter, Input 100~240V AC @ 1.4A  
50-60Hz

Power Protection: OVP (Over Voltage Protection), OCP (Over Current Protection) & Reverse Protection

North American Power Cord

## Included with System

Wall Mount Bracket

100-240V AC Adapter, 4.75ft cable exit length

4/8x 10/100/1000 RJ45 POE Network connections on Front Panel

802.11 b/g/n/ac Dual Band (2.4Ghz / 5Ghz) WiFi and Bluetooth,

## Options

Intel® AC7260 via internal Mini-PCIe

Remote power option Ideal for OEM or Cabinet manufacturers

External USB DVD+-RW/CD-RW Drive

DVI-I video connector (DVI-D signaling)

2x RS232 COM port

2x Gigabit RJ45 Network connection

8x DIO (Digital input/output) with Isolation

## Rear Panel

Audio Line-Out Jack

Microphone Input Jack

4 x USB 3.0 Ports

2x DisplayPort video connectors

9 – 48V DC Connector

Front Panel	2 x USB 3.0 Port 2 x USB 2.0 Ports AT / ATX Switch Power-on button
Dimensions	9.44"(W) x 10.27"(D) x 3.11"(H) (240mm x 261mm x 79mm) Operating Temperature: 0 - 40C (32 to 104 F) Relative Humidity: 10% ~ 95%, non-condensing (Operating & Non-Operating)
Environmental	Shock: 50G, half sine, 11ms (with SSD) Vibration: 5 Grms, 5 - 500 Hz, 0.5 hr/axis (with SSD) Vibration: 1 Grms, 5 - 500 Hz, 0.5 hr/axis (with HDD)
Approvals	RoHS CE FCC
Weight	Unit Weight: 8.0 lbs / 3.62 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.