

## LPC-862 - RUGGED FANLESS, MINI PC WITH DUAL EXPANSION SLOTS



**\$2,355.00 USD**

### ***Versatile Fanless PC Designed for Mobile***

- No noise, Rugged Fanless Chassis
- Powerful Intel's® 6th and 7th generation Core™ i5 & i7 mobile processors
  - PCI/PCIe Expansion Slots for Add-In Cards
    - 8x DIO (Digital input/output) ports
    - Dual Removable Front Drives
- Wide Range 9-48 VDC Input, ideal for mobile/field
  - 4K Resolution, Ultra HD, Triple Display support
    - Solid State Drives (SSD) Standard
  - Windows 10, Server 2022 and Linux
    - CE, FCC & RoHS
- See our FAQ – Why Choose Fanless?



## GALLERY IMAGES



## PRODUCT DESCRIPTION

The Stealth LPC-862 contains all the same features as the LPC-860 fanless mini pc but adds in PCI or PCIe expansion slot capability for a large variety of demanding applications. Ideal applications would be for data acquisition, specialized graphics cards and expanded I/O cards.

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 industrial or commercial applications including: Audio/Video Recording, Embedded Control, process 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**

128GB MLC SSD (Solid State Drive) standard (SATA)  
Options of up to 1TB SSD internal storage.  
Optional Onboard RAID configurations (0, 1, 5, 10), requires  
multiple drives

**Expansion Slot(s)**

2 Expansion slots\*, max card length 6.85" / 174mm  
Options available: 2 x PCI or PCI+PCIe x16 or 2 x PCIe x8

**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  
2 onboard Gigabit Ethernet controllers, RJ-45 interface, PXE and  
WOL Supported

**Networking**

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 Server 2022  
Windows 10 (64-bit)  
Ubuntu Linux  
Please contact us directly for any special requirements

<b>TPM Module</b>	TPM 2.0 (Trusted Platform Module), provides increased hardware security.
<b>WatchDog Timer</b>	1 ~ 255 sec/min System Reset
<b>Hardware Monitor</b>	Processor temperature Voltage
<b>Chassis Description</b>	Fanless Rugged Aluminum Chassis  Input is 9V – 48V DC Power Mode: AT & ATX Rear Locking 3-Pin power Jack ideal for mobile applications
<b>Power Input</b>	Includes External AC Adapter, Input 100~240V AC @ 1.4A 50-60Hz Power Protection: OVP (Over Voltage Protection), OCP (Over Current Protection) & Reverse Protection
<b>Included with System</b>	North American Power Cord Wall Mount Bracket 100-240V AC Adapter, 4.75ft cable exit length
<b>Options</b>	802.11 b/g/n/ac Dual Band (2.4Ghz / 5Ghz) WiFi and Bluetooth, 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
<b>Rear Panel</b>	Audio Line-Out Jack Microphone Input Jack 4 x USB 3.0 Ports 2x DisplayPort video connectors 2 x Expansion slots 9 – 48V DC Connector 2 x USB 3.0 Port
<b>Front Panel</b>	2 x USB 2.0 Ports AT / ATX Switch Power-on button
<b>Dimensions</b>	9.44"(W) x 10.27"(D) x 5.0"(H) (240mm x 261mm x 127mm)

## Environmental

Operating Temperature: 0 - 40C (32 to 104 F)  
Relative Humidity: 10% ~ 95%, non-condensing (Operating & Non-Operating)  
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: 12.3 lbs / 5.58 KG

## Warranty

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

## Disclaimer

Note: Specifications are subject to change without notice.