

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.