

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



\$2,330.00 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

Intel® Core™ i7-7700T (4 Cores / 8 Threads, up to 3.80Ghz)

Supporting Intel® 6th Gen Core™ Processor i5-6500TE, Quad

Processor 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 Sockets Supporting up to 32GB of RAM /

Memory

128GB MLC SSD (Solid State Drive) standard (SATA)

Options of up to 1TB SSD internal storage.

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 availabe: 2 x PCI or PCI+PCIe x16 or 2 x PCIe x8

Internal Expansion Option 4 Internal full sized Mini-PCIe expansion slots

Integrated Intel HD Graphics 530

Video 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-PCle

Communications 2x External SIM card sockets for wireless connectivity

Audio Integrated Realtek High Definition Audio CODEC ALC888S

Windows Server 2022

Operating Systems Windows 10 (64-bit)

Ubuntu Linux

Please contact us directly for any special requirements



TPM Module

TPM 2.0 (Trusted Platform Module), provides increased hardware

security.

WatchDog Timer $1 \sim 255 \text{ sec/min}$

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

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

Intel® AC7260 via internal Mini-PCIe

Options

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 RI45 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

2 x Expansion slots 9 - 48V DC Connector

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 5.0"(H) (240mm x 261mm x 127mm)

Front Panel



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)

RoHS

Approvals CE

Environmental

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.

Page: 5 April 29, 2024