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

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 availabe: 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
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 Server 2022 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 ~ 255 sec/min System Reset
Hardware Monitor	Processor temperature Voltage
Chassis Description	Fanless Rugged Aluminum Chassis
Power Input	Input is 9V – 48V DC Power Mode: AT & ATX Rear Locking 3-Pin power Jack ideal for mobile applications Includes External AC Adapter, Input 100~240V AC @ 1.4A 50-60Hz Power Protection: OVP (Over Voltage Protection), OCP (Over Current Protection) & Reverse Protection
Included with System	North American Power Cord Wall Mount Bracket 100-240V AC Adapter, 4.75ft cable exit length
Options	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
Rear Panel	DVI-I video connector (DVI-D signaling) 2x RS232 COM port 2x Gigabit RJ45 Network connection 8x DIO (Digital input/output) with Isolation 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
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 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.