

## LPC-830 - RUGGED FANLESS, MINI PC WITH REMOVABLE DRIVE (DISCONTINUED)



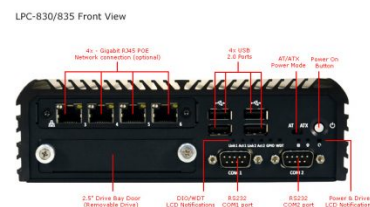
### ***A Powerful Versatile Fanless Solution***

- No noise, Rugged Fanless Chassis
- Powerful Intel 5th Gen Core i5 or i7 Mobile Processor
  - 4x DIO (Digital input/output) ports
  - Removable Front Drive Bay
- 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)
  - Solid State Drives (SSD) Standard
  - Windows 7, 8.1, 10 and Linux
  - CE, FCC & RoHS
- Wide Temperature model version available
- Rackmount model versions also available in single & dual configurations

***(Important Notice: The LPC-830 model is now end of life and is replaced by the functional equivalent model LPC-860.)***



## GALLERY IMAGES



## PRODUCT DESCRIPTION

The Stealth LPC-830 rugged mini pc packs a lot of power and is well equipped with versatile features for a computer so small. Especially true with the inclusion of the state-of-the-art, industrial-use approved Intel Gen Core i5 & i7 Mobile processors.

Fanless by design, the LPC-830 is equipped with 256GB solid state drive(SSD), upgradeable to 2TB, as well as 4GB of RAM - upgradeable to 8GB.

Where the LPC-830 really shines is in the abundance of ports; 4x DIO (Digital input/output) with Isolation, offering the advantage of providing electrical isolation of digital signals. Also included are USB 3.0/2.0 ports, RS232 COM ports, Gigabit networking and audio/video ports.

Along with the high number of ports, the LPC-830 houses a Removable Front Drive Bay, providing easy drive swapping and making customization a breeze. Stealth's Fanless PC also comes standard with a Wide Range 9-48 VDC input, ideal for mobile applications.

Engineering the LPC-830 wasn't easy, but the Stealth engineers pushed for the best, and know our systems in-and-out, we can customize each computer to your needs. For more extreme environments, an extended temperature range model is also available.

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**

Supporting Intel® 5th Gen Core™ Processor i5-5350U, Dual Core, 3MB Cache, up to 2.9 GHz (standard)  
Optional Intel® 5th Gen Core™ Processor i7-5650U, Dual Core, 4MB Cache, up to 2.2 GHz

**BIOS**

AMI 128Mbit SPI BIOS

**Chipset**

SoC integrated

**Memory**

4GB DDR3L SO-Dimm RAM (standard), option of 8GB available

**Internal Storage**

Includes 1 Internal Drive Bay  
Includes 1 Removable Drive Bay  
256GB 3D NAND SSD (Solid State Drive) standard (SATA)  
Options of up to 2TB SSD internal storage.  
Optional Onboard RAID configurations (0, 1), requires multiple drives

**Internal Expansion Option**

2 Internal full sized Mini-PCIe expansion slots

**Video**

Integrated Intel HD Graphics 6000  
Includes DVI-I & DisplayPort video ports  
Triple Display support with DisplayPort and DVI-I  
Max Resolution, DisplayPort Mode: 3840x2160 @ 60Hz, DVI Mode: 1920 x 1200 @ 60Hz  
2 onboard Gigabit Ethernet controllers, RJ-45 interface, PXE and WOL Supported

**Networking**

LAN1: Intel I210-AT, LAN2: Intel I218-LM  
Optional 4 x 10/100/1000 RJ45 POE Network connections on Front Panel  
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)  
Windows Server 2016

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

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

\* NOTE: Subject to change without notice

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

DIN Rail Mount

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

## 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

2x RS232 COM port  
2x Gigabit RJ45 Network connection  
4x DIO (Digital input/output) with Isolation  
Audio Line-Out Jack  
Microphone Input Jack  
2 x USB 3.0 Ports  
2 x USB 2.0 Ports  
1x DVI-I video connector  
1x DisplayPort video connector  
9 - 48V DC Connector  
4 x 10/100/1000 RJ45 POE Network connections (optional)

## Front Panel

4 x USB 2.0 Ports  
2 x RS232 COM port  
AT / ATX Switch  
Power-on button

## Dimensions

7.28"(W) x 7.75"(D) x 2.26"(H) (185mm x 197mm x 57.4mm)

## 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: 4.58 lbs / 2.08 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.