

## LPC-835 - RUGGED FANLESS, MINI PC (WIDE RANGE TEMPERATURE) - DISCONTINUED



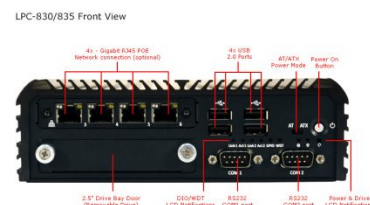
### **Wide Range Temperature Operation**

- Rugged Fanless Design for Wide Range Temperature Operation (-25 to +70 Deg. C)
  - 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

***(Important Notice: The LPC-835 model is now end of life and is replaced by the functional equivalent model LPC-965.)***



## GALLERY IMAGES



## PRODUCT DESCRIPTION

The Stealth LPC-835 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. Designed for wide range temperature operation (-25 to +70 Deg. C) the LPC-835 Fanless Mini PC is an excellent choice for industrial and commercial applications.

The LPC-835 features an 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-835 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-835 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  
128GB MLC SSD (Solid State Drive) standard (SATA) Wide Temperature  
Options of up to 1TB SSD (Wide Temperature) 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 Built in 802.11 ac/a/b/g/n Wireless Networking Card, Dual Band Support, 2.4Ghz / 5Ghz + Bluetooth via Mini-PCIe, Intel AC 7260

### 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: -25 to 70C (-13 to 158 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.