

## LPC-810 - ULTRA SMALL RUGGED FANLESS, MINI PC



**\$1,185.00 USD**

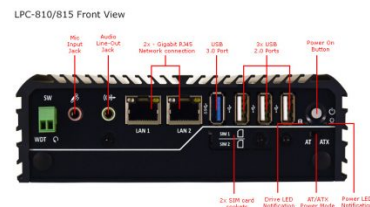
### ***Rugged Fanless Small Form Factor PC***

- No noise, Rugged Fanless Chassis
- Powerful Intel Celeron Mobile Processor
  - 4x DIO (Digital input/output) ports
- 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 10, Server 2022 and Linux
  - CE, FCC & RoHS
- See our FAQ – Why Choose Fanless?

**Also available as a **Quickship** model.**



## GALLERY IMAGES



## PRODUCT DESCRIPTION

The Stealth LPC-810 is the smallest mini PC in Stealth's LPC-800 series line-up, weighing in at just 1.9 pounds (0.86kg), and can fit in the palm of your hand measuring just 5.9"(W) x 4.13"(D) x 1.9"(H) (150mm x 105mm x 49mm) in size.

It is RoHS, CE and FCC approved, and comes standard with Intel® Celeron® Processor J1900, Quad Core mobile processor and features four DIO (Digital input/output) ports. The 4 DIO ports with Isolation are ideal for reacting to motion sensors, or machinery status indicators, by ensuring signal integrity, especially in dusty, moist, and vibration prone industrial environments.

Fanless by design the LPC-810 makes it possible to employ the rugged mini PC for applications in challenging industrial environments. The aluminum chassis that houses the system of the LPC-810 model is heat-dispersing and impact resistant. The small fanless computer comes standard with a wide range 9-48 VDC input, ideal for mobile/field use, supported by built-in Gigabit LAN, USB 3.0/2.0, Audio, Serial, Video (DVI-I & Display) ports.

The LPC-800 series is fully customizable to your exact specifications, and designed for use in a multitude of industrial and commercial applications including: Audio/Video Recording, Embedded Control, Digital Signs, Interactive Kiosks, Thin-Clients, and Human/Machine Interface.

**ADDITIONAL INFORMATION****Processor**

Supporting Intel® Celeron® Processor J1900, Quad Core, 2MB Cache, up to 2.42 GHz (standard)

**Chipset**

SoC integrated

**Memory**

8GB DDR3 SO-Dimm RAM (standard)

**Internal Storage**

480GB 3D NAND SSD (Solid State Drive) standard (SATA)  
Options of up to 8TB SSD internal storage.

**Internal Expansion Option**

2 Internal full sized Mini-PCIe expansion slots

**Video**

Integrated Intel HD Graphics  
Dual Display support with DisplayPort and DVI-I  
2 onboard Gigabit Ethernet controllers, RJ-45 interface, PXE and WOL Supported

**Networking**

LAN1 & LAN2: Intel I210-AT  
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

North American Power Cord

## Included with System

DVI to VGA Adapter

Wall Mount Bracket

\* NOTE: Subject to change without notice

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

DIN Rail Mount

## 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

2x RS232 COM port

4x DIO (Digital input/output) with Isolation

## Rear Panel

1x DVI-I video connector

1x DisplayPort video connector

9 – 48V DC Connector

2 x 10/100/1000 RJ45 Network connections

3 x USB 2.0 Ports

1 x USB 3.0 Port

## Front Panel

Audio Line-Out Jack

Microphone Input Jack

AT / ATX Switch

Power-on button

## Dimensions

5.9"(W) x 4.13"(D) x 1.9"(H) (150mm x 105mm x 49mm)

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)

RoHS

## Approvals

CE

FCC

## Weight

Unit Weight: 1.9 lbs / 0.86 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.