

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



\$1,220.00 USD

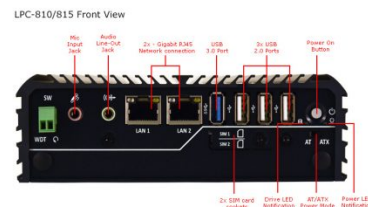
Rugged Fanless Small Form Factor PC

- 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-810a 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.

The LPC-810a replaces our previous Model LPC-810, which included a hardware TPM 2.0 module. In the LPC-810a, TPM 2.0 is not available. Otherwise, the LPC-810a maintains the same specifications and physical size as the LPC-810 product. For applications requiring TPM 2.0, we would recommend our new Model LPC-825.

It LPC-810a 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-810a 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-810a 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
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

DVI to VGA Adapter

Included with System

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.