LPC-810 - ULTRA SMALL RUGGED FANLESS, MINI PC
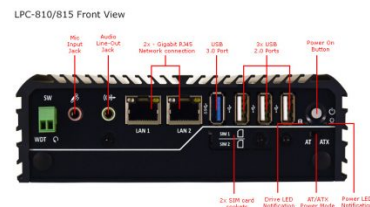

$1,185.00 USD

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

LPC-810/815 Front View

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
Networking	2 onboard Gigabit Ethernet controllers, RJ-45 interface, PXE and WOL Supported 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
Included with System	North American Power Cord DVI to VGA Adapter Wall Mount Bracket * NOTE: Subject to change without notice 100-240V AC Adapter, 4.75ft cable exit length
Options	DIN Rail Mount 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 4x DIO (Digital input/output) with Isolation 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)
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: 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.