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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.



Processor

ADDITIONAL INFORMATION

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

Includes 1 Internal Drive Bay
Includes 1 Removable Drive Bay

Internal Storage 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-PCle expansion slots

Integrated Intel HD Graphics 6000

Includes DVI-I & DisplayPort video ports

Video Triple Display support with DisplayPort and DVI-I

Max Resolution, DisplayPort Mode: 3840×2160 @ 60Hz, DVI

Mode: 1920 x 1200 @ 60Hz

2 onboard Gigabit Ethernet controllers, RI-45 interface, PXE and

WOL Supported

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-PCle

Communications 2x External SIM card sockets for wireless connectivity

Audio Integrated Realtek High Definition Audio CODEC ALC888S

Networking



Windows 10 (64-bit)

Windows Server 2019

Windows 7 (32 and 64-bit)

Operating Systems Windows 8.1 (32 and 64-Bit)

Windows Server 2016

Ubuntu Linux

Please contact us directly for any special requirements

TPM 2.0 (Trusted Platform Module), provides increased hardware

security.

WatchDog Timer $1 \sim 255 \text{ sec/min}$

System Reset

Hardware Monitor Processor temperature

Voltage

TPM Module

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

802.11 b/g/n/ac Dual Band (2.4Ghz / 5Ghz) WiFi and Bluetooth,

Options

Intel® AC7260 via internal Mini-PCle

Remote power option Ideal for OEM or Cabinet manufacturers

External USB DVD+-RW/CD-RW Drive



Rear Panel

Environmental

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)

4 x USB 2.0 Ports

Front Panel 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)

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)

RoHS

Approvals 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.