LPC-830 - RUGGED FANLESS, MINI PC WITH REMOVABLE DRIVE
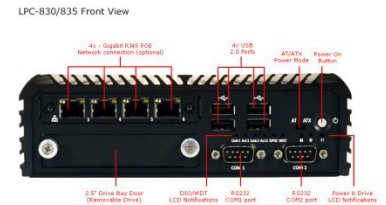

$1,980.00 USD

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
- See our FAQ – Why Choose Fanless?
- Wide Temperature model version available
- Rackmount model versions also available in single & dual configurations

GALLERY IMAGES

LPC-830/835 Front View

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.

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 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-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: 3840×2160 @ 60Hz, DVI Mode: 1920 x 1200 @ 60Hz
Networking	2 onboard Gigabit Ethernet controllers, RJ-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-PCIe
Communications	2x External SIM card sockets for wireless connectivity
Audio	Integrated Realtek High Definition Audio CODEC ALC888S

Operating Systems	Windows Server 2019 Windows 7 (32 and 64-bit) Windows 10 (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
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 Wall Mount Bracket * NOTE: Subject to change without notice 100-240V AC Adapter, 4.75ft cable exit length
Options	DIN Rail Mount 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, Intel® AC7260 via internal Mini-PCIe Remote power option Ideal for OEM or Cabinet manufacturers External USB DVD+-RW/CD-RW Drive

Rear Panel	2 x 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
Front Panel	4 x 10/100/1000 RJ45 POE Network connections (optional) 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: 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: 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.