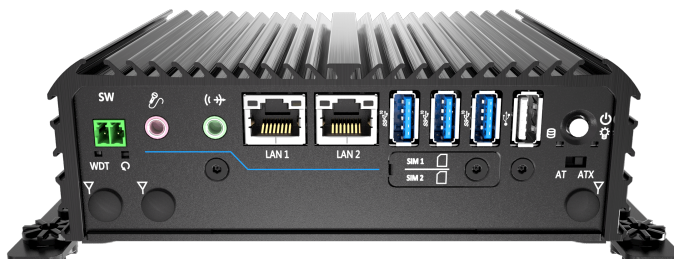


LPC-825 - ULTRA SMALL RUGGED FANLESS, MINI PC (WIDE RANGE TEMPERATURE)



\$1,475.00 USD

Powerful, Rugged & Versatile Fanless PC

- No noise, Rugged Fanless Chassis
- Wide Operating Temp (-40°C to 70°C / -40°F to 158°F)
- Powerful Intel® 11th Generation Celeron J6413 Processor
 - Up to 32GB DDR4 Memory
 - Solid State Drives (SSD) Standard
- Wide Range 9-36 VDC Input with optional Power Ignition Management
- Gigabit & 2.5Gb LAN, USB 3.2, Audio, Serial, Video (2x DisplayPort)
 - 4K Resolution, Ultra HD, Dual Display support
 - Single/Dual Channel CAN Bus (Optional)
 - TPM 2.0 Standard
- Windows 10, 11, Server 2022 and Linux
 - CE, FCC & RoHS Certified
- See our FAQ - Why Choose Fanless?



GALLERY IMAGES



PRODUCT DESCRIPTION

The Stealth LPC-825 is the latest addition to the Ultra Small Fanless mini PC's in Stealth's LPC-800 series line-up, weighing in at just 1.98 pounds (0.90kg) and measuring only 5.9"(W) x 4.13"(D) x 1.93"(H) (150mm x 105mm x 49mm) in size. Designed for wide range temperature operation (-40 to +70 Deg. C) the LPC-825 Fanless mini PC is an excellent choice for industrial and commercial applications

This fanless small form factor PC comes standard with the Intel® 11th Generation Celeron® J6413, Quad Core embedded processor. Up to 32GB of DDR4 RAM and 2TB in a solid state drive (SSD) is supported.

The LPC-825 includes an abundance of I/O ports, such as multiple RS232/422/485 Serial, USB 3.2, USB 2.0, 2.5Gb and 1Gb Networking and Audio. Dual Displays with up to 4K resolution are supported via DisplayPort video ports. Additional Port expansion is available by adding CAN Bus, Dual RS232 Serial, 4x USB 2.0, DisplayPort with DIO (4 in / 4 out) or HDMI 2.0 Ports in the Universal Bay.

Stealth developed the LPC-825 to be more than just your average mini-PC. It is engineered to be extremely mobile friendly with the inclusion of a Wide Range 9-36 VDC power input and optional 4G communications. To protect the system the power is regulated with OVP (Over Voltage Protection), OCP (Over Current Protection) & Reverse Protection.

The LPC-825 is CE, FCC & RoHS certified, and designed for use in a multitude of applications including: Transportation, IoT, IIoT, Audio/Video Recording, Embedded Control, Digital Signs, Interactive Kiosks, Thin-Clients, and Human/Machine Interface.

ADDITIONAL INFORMATION

Processor	Supporting Intel® 11th Generation Celeron® Processor J6413, Quad Core, 1.5MB Cache, up to 3.00 GHz (standard)
BIOS	AMI 256Mbit SPI BIOS
Chipset	SoC integrated
Memory	1x DDR4 Memory Socket Supporting up to 32GB of RAM / Memory
Internal Storage	256GB TLC SSD (Solid State Drive) Wide Temp standard (SATA) Options of up to 2TB SSD (Wide Temperature) internal storage
Internal Expansion Option	1x M.2 B-key, 2242/3042/3052, PCIe 1 + USB 3.2 Gen2, Supports 4G/5G Module)
Video	Dual Display support with 2x DisplayPort 1.4, DP++ Intel® UHD Graphics Supports 4K Ultra HD Resolution as well as 1080p HD Video
Networking	1x 1Gb LAN, Intel I220, RJ-45 interface (PXE and WOL Supported) 1x 2.5Gb LAN, Intel I225, RJ-45 interface (PXE and WOL Supported)
Communications	2x External SIM card sockets standard for 4G wireless connectivity 2x RS232/422/485 COM ports (standard) Single/Dual channel CAN Bus (optional)
Audio	Integrated Realtek High Definition Audio CODEC ALC888S
Operating Systems	Windows Server 2022 Windows 11 (64-bit) 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

9-36VDC Input, includes external AC adapter
Power Ignition Management (optional)
Rear locking 3-Pin Power Jack
Power Mode: AT & ATX
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
Power Ignition Management
Single/Dual channel CAN Bus
DIN Rail Mount
VESA Mount
Side Mount

Options

1x DP 1.4 and DIO (4-in/4-out, isolated) Ports in Universal Bay
1x HDMI 2.0 Port in Universal Bay
2x RS232 Ports in Universal Bay
4x USB 2.0 Ports in Universal Bay
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

1x Universal Bay (see Options)
2x RS232 COM port
2x DisplayPort video connectors
9 – 36V DC Connector

Front Panel

1x USB 2.0 Port
2x SIM Communications Slots (5G, 4G/LTE)
3x USB 3.2 Gen 2 Ports
Remote Power Connector
Headphone/Audio Line-Out 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: -40 to 70C (-40 to 158 F)
Shock: 50G, half sine, 11ms (MIL-STD-810G Compliance)
Storage Temperature: -40 to 85C (-40 to 185 F)
Vibration: 5 Grms, 5 – 500 Hz, 0.5 hr/axis (MIL-STD-810G Compliance)
Relative Humidity: 10% ~ 95%, non-condensing (Operating & Non-Operating)

Approvals

RoHS
CE
FCC

Weight

Unit Weight: 1.98 lbs / 0.90 kg (Depending on configuration)

Warranty

2 Year limited Warranty, Standard
1 Year Extended Warranty available (see Configurator/Price List)

Disclaimer

Note: Specifications are subject to change without notice.