

LPC-175F - ULTRA SMALL FANLESS MINI PC



Wide Range Temperature Operation

- Fanless Design for Wide Range Temperature Operation (-20 to +70 Deg. C)
 - Ultra Small, Only 3.30" x 5.71" x 1.38" in size
 - Intel Quad-Core E3845 processor, 1.91GHz
 - 9-36 VDC Operation, Ideal for Mobile/Field
 - SSD (Solid State Drive) Standard
 - Built-in GB LAN, USB 2.0, Serial, Video
 - Low Profile Rugged Aluminium Chassis
- Windows 7, 10 Compatible, *other O/S Options Available

(Important Notice: The LPC-175F model is now end of life, please contact us if you have a requirement.)



GALLERY IMAGES



PRODUCT DESCRIPTION

Stealth's Ultra Small Fanless Mini PC model LPC-175F delivers the ultimate in small form factor performance. Designed for wide range temperature operation (-20 to +70 Deg. C) the LPC-175F Fanless Mini PC is an excellent choice for industrial and commercial applications which include, Embedded Control, IoT (Internet of Things), Digital Signs, Interactive Kiosks, Thin-Clients, and Human/Machine Interface applications.

Barely larger than a deck of playing cards (3.30" x 5.71" x 1.38") the LPC-175F ultra small fanless mini PC provides low power consumption and completely silent operation. The LPC-175F operates from an external 12VDC power adapter (included) or can be connected to an external DC source making it ideal for mobile and remote applications.

Stealth's LittlePCs are small form factor mini PCs designed to fit in space-confined areas and are ideal for demanding applications within the Industrial, Commercial, Scientific Research, Military, Public Safety, Utility, Transportation, mining and Telecommunications markets.

ADDITIONAL INFORMATION

Processor

Intel® E3845 Processor (formerly Bay Trail) (2M Cache, 1.91 GHz) (4 Core / 4 Threads)

Chipset

Intel® Bay Trail

Memory

4GB DDR3L 1333 Mhz onboard (not upgradable / field replaceable)

Internal Storage

Supports mSATA via Mini-PCIe Half Size

Internal Expansion Option

1 Half size Mini-PCIe slot, supports PCIe, mSATA and USB interface

1 Half Size Mini-PCIe slot, supports PCIe and USB interface

Video

Intel® Bay Trail-I, max resolution of 1920 x 1200

2 Integrated Gigabit Ethernet ports, RJ45 interface, Intel® I210
NOTE: no PXE or WOL

Networking

Optional 802.11 b/g/n/ac Dual Band (2.4Ghz / 5Ghz) Wireless Networking and Bluetooth 4.0, Realtek® RTL8821AE via internal Mini-PCIe

Operating Systems

Windows 10 (64-bit)

Windows 7 (32 and 64-bit)

Windows 8.1 (32 and 64-Bit)

Windows 8 (32 and 64-Bit)

Ubuntu Linux (32 and 64-Bit)

Please contact us directly for any special requirements

Chassis Description

Fanless Rugged Aluminum Chassis

Includes Panel/Wall Mount Brackets

Power Input

9-36VDC Input, includes external AC adapter

Power Management

ACPI compliant and Operating System direct power management

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

1x RS232 COM port

2x Gigabit RJ45 Network connection

Rear Panel

2 x USB 2.0 Ports

1x Analog VGA / HD-15

DC Power Input Jack

Front Panel

Power ON/OFF with LED

Dimensions

5.70" (W) x 3.3" (D) x 1.37" (H) (145mm x 84mm x 35mm)

Environmental

Operating Temperature: -20 to 70C (-4 to 158F)

Weight

Unit Weight: 1.2 lbs / 0.54 KG

Power supply Weight: 0.75lbs / 0.34 KG

Warranty

1 Year limited Warranty Standard

1 Year Extended Warranty available (see Configurator/Price List)

Disclaimer

Note: Specifications are subject to change without notice.