

# LPC-720F - POWERFUL FANLESS, MINI PC WITH DUAL EXPANSION SLOTS (DISCONTINUED)



# Fanless Computer with Dual Expansion Slots

- No noise, Rugged Fanless Chassis
- Intel 3rd Gen Core i7 Mobile Processor
- Dual Expansion Slots (2) PCI or (2) PCIe x1
  - 9-36 VDC operation, ideal for mobile/field
- Built-in Gigabit LAN, USB 3.0, Audio, Serial, Video (VGA, DVI-D & HDMI)
  - Solid State Hard Drives (SSD) Standard
  - Optional Dual Drives (Internal Storage)
  - Windows 10, 8.1 & 7 Compatible, \*other O/S Options Available
    - See our FAQ Why Choose Fanless?

The LPC-720 is now End-of-Life and has been Discontinued, the recommended replacement models are the LPC-862 and LPC-700F.





## **GALLERY IMAGES**







#### PRODUCT DESCRIPTION

The Stealth Computer model LPC-720F is a high performance, fanless, rugged mini PC with dual expansion slot capability designed for a large variety of demanding applications. The LPC-720F can be configured with (2) PCI slots or (2) PCIe x1 slots. Ideal applications would be for data acquisition, specialized graphics cards and expanded I/O cards.

Stealth's LPC-720F is a small sized computer that operates without noisy cooling fans that can therefore draw in dirt and dust causing catastrophic failures. Stealth's fanless computers are encapsulated in a rugged extruded aluminum chassis that performs as a heat sink to dissipate internal heat build-up. See our FAQ – Why Choose Fanless?

The Stealth LPC-720F Little PC is packed with features including, 2x USB 3.0, 6x RS232/Serial, 2x GB LAN ports, equipped with a 128GB MLC SSD (Solid State Drive), up to 16GB of memory, VGA, DVI-D & HDMI video connectors, audio in/out and much more.

The LPC-720F is an excellent choice for industrial and commercial applications which include, HMI, Embedded Control, Digital Signs, process control, Interactive Kiosks, and Thin-Client applications.



**Internal Storage** 

### **ADDITIONAL INFORMATION**

Intel® 3rd Generation Core™ i7-3517UE Processor (4M Cache,

up to 2.8GHz, 2 Cores, 4 Threads)

**Chipset** Intel® HM76 Express Chipset (formerly Panther Point)

Dual-Channel memory architecture

**Memory** Offers 2 x DDR3 SO-Dimm memory slots providing options up to

16GB of RAM

Supports all SATA (Serial-ATA) I, II & III Hard Drives (1.5Gb/s,

3Gb/s and 6Gb/s)

Supports 2 internal 2.5" drives

Offered with 120GB Solid State Drive (SSD), Serial ATA (SATA)

interface with options up to 1TB capacity mSATA drive support via 1 Internal Mini-PCIe

2 Expansion slots\*, max card length 5.5" / 139.7mm

**Expansion Slot(s)** Included with system: Dual PCle x1 Gen 2 or Dual PCl 3.3V (no

5V support)

**Internal Expansion Option** 2 Internal full sized Mini-PCle expansion slots

Integrated Intel HD4000 graphics

Video Includes VGA/HD-15, DVI-D (digital Only) & HDMI (1.3a) ports

Max Video Resolution: 1920 x 1200

Dual Display support (clone or extended desktop)

2 Integrated Gigabit Ethernet ports, RJ45 interface, Intel®

1000PL

Networking

LAN 1: Intel® 82579LM, PXE, WOL supported

LAN 2: Intel® 82574L, PXE, No WOL support

Audio Integrated Realtek High Definition Audio CODEC ALC888

1 Line out, 1 MIC in



Windows 10 (64-bit)

Windows 7 (32 and 64-bit) Windows 8.1 (32 and 64-Bit) Windows 8 (32 and 64-Bit)

**Operating Systems** Windows XP (32-Bit and 64-Bit)

Windows Server 2008
Windows Server 2012 R2
Ubuntu Linux\* (32 and 64-Bit)

\*NOTE: Com ports 3-6 are not supported

Please contact us directly for any special requirements

Hardware Monitor Processor temperature

Voltage

**Chassis Description** Fanless Rugged Aluminum Chassis

ACPI compliant and Operating System direct power management

**Power Management** Wake-on event (Real Time Clock / RTC, USB Keyboard, LAN /

Network)

9V - 36V DC, Rear Terminal Block

**Power Input** Power Draw\*: 17W (boot), 12W (idle), 26W (max)

\*NOTE: Based on 4GB memory and 120GB SSD drive

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

Included with System AC Adapter

Wall Mount Bracket 6 x RS232 COM port

2x Gigabit RJ45 Network connection

Audio Line-Out Jack
Microphone Input Jack
2 x USB 3.0 Ports\*
2 x USB 2.0 Ports

**Rear Panel** 1x Analog VGA / HD-15

1x DVI-D video connector 1x HDMI video connector

2 x Expansion slots (PCIe x1 or PCI)

9 - 36V DC Connector

\* Note: The Intel® USB 3.0 eXtensible Host Controller Driver is not supported on Windows XP, USB 2.0 speeds will be used

Front Panel Power ON/OFF with LED

**Dimensions** 10.55" (W) x 7.09" (D) x 4.33" (H) (268mm x 180mm x 110mm)



**Environmental**Operating Temperature: 0~50C (32~122F)
Storage Temperature: -10 - 60C (14 to 140 F)

**Approvals** RoHS

Weight Unit Weight: 9.45 lbs / 4.28 KG (Depending on configuration)

Shipping Weight: 12.2 lbs / 5.54KG (Depending on configuration)

Power supply Weight: 1.35 lbs / 0.62 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.

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