

## 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.

**ADDITIONAL INFORMATION****Processor**

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)

**Memory**

Dual-Channel memory architecture

Offers 2 x DDR3 SO-Dimm memory slots providing options up to 16GB of RAM

**Internal Storage**

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 PCIe x1 Gen 2 or Dual PCI 3.3V (no 5V support)

**Internal Expansion Option**

2 Internal full sized Mini-PCIe expansion slots

**Video**

Integrated Intel HD4000 graphics

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

## 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)  
 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

## Power Management

ACPI compliant and Operating System direct power management  
 Wake-on event (Real Time Clock / RTC, USB Keyboard, LAN / Network)

## Power Input

9V – 36V DC, Rear Terminal Block  
 Power Draw\*: 17W (boot), 12W (idle), 26W (max)  
 \*NOTE: Based on 4GB memory and 120GB SSD drive

## 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

## 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.