

## LPC-700F - HIGH PERFORMANCE FANLESS, MINI PC WITH EXPANSION SLOT (DISCONTINUED)



### ***Fanless Computer with PCI or PCIe Expansion Slot***

- No noise, Rugged Fanless Chassis
- Powerful Intel Core i7 Mobile Processor
  - PCI or PCIe x1 Expansion Slot
- 12 VDC operation, ideal for mobile/field
- Built-in Gigabit LAN, USB 3.0/2.0, Audio, Serial, Video (VGA, DVI-D & HDMI)
  - Solid State Hard Drives (SSD) Standard
  - Windows 7, 8, 10 & XP Pro Compatible
    - See our FAQ - Why Choose Fanless?
- Rackmount model version also available

**The LPC-700F is now end of life. Please contact us for availability.**



## GALLERY IMAGES



## PRODUCT DESCRIPTION

The Stealth Computer model LPC-700F is a high performance, fanless, rugged mini PC with PCI or PCIe expansion slot capability designed for a large variety of demanding applications. Ideal applications would be for data acquisition, specialized graphics cards and expanded I/O cards.

Stealth's LPC-700F 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-700F Little PC is packed with features including, 4x USB 3.0, 1x USB 2.0 (front mounted), 6x RS232/Serial, 2x GB LAN ports, equipped with a 256GB SSD (Solid State Drive), up to 16GB of memory, VGA, DVI-D & HDMI video connectors, audio in/out and much more.

The LPC-700F is an excellent choice for industrial and commercial applications which include, HMI, Embedded Control, IoT (Internet of Things), Digital Signs, process control, Interactive Kiosks, and Thin-Client applications.

## ADDITIONAL INFORMATION

**Processor**

Supporting Intel® 3rd Generation Core™ i7 Processor 3610QE or Intel® Celeron Dual-Core 1020E (standard)

**BIOS**

AMI UEFI BIOS

**Chipset**

Intel QM77 (Panther Point)

**Memory**

4GB DDR3 (standard), options of 8 and 16GB available

**Internal Storage**

256GB 3D NAND SSD (Solid State Drive) standard (SATA)  
Options of up to 2TB SSD internal storage.

**Expansion Slot(s)**

Supports 1 Expansion Card slot, configured with either PCI or PCIe slot installed

**With PCI Slot installed**

1 x 32Bit PCI 2.3 33Mhz Compliant card up to 5.9" (150mm)  
PCI 2.3 Compliant  
Supports 3.3V and 5V PCI cards

**With PCIe Slot installed**

1 x PCIe x1 Version 2.0 Compliant card up to 5.9" (150mm)  
Supports x1 PCIe cards

**Internal Expansion Option**

2 Internal Mini-PCIe expansion options (1) full sized, (1) half size)

**Video**

Integrated Intel HD4000 graphics  
Includes VGA/HD-15, DVI-D (digital Only) & HDMI (1.3a) ports  
Max Resolution, VGA Mode: 1920 x 1200 @ 60Hz, HDMI Mode:  
1920 x 1200 @ 60Hz, DVI Mode: 1920 x 1200 @ 60Hz  
Dual Display support (clone or extended desktop)

**Networking**

2 onboard Gigabit Ethernet controllers, RJ-45 interface, PXE Supported  
LAN1: Intel 82583V, LAN2: Intel 82579LM  
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**

2 SIM card sockets for 3G wireless connectivity

**Audio**

Integrated Realtek High Definition Audio CODEC ALC886

## Operating Systems

Windows 10 (64-bit)  
Windows Server 2019  
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  
Ubuntu Linux  
Optional: QNX & embedded  
Please contact us directly for any special requirements

## WatchDog Timer

1 ~ 255 sec/min

## Hardware Monitor

Processor temperature  
Voltage

## Chassis Description

Fanless Rugged Aluminum Chassis  
Vesa 100mm Mounting on bottom  
Rear DC power Jack ideal for mobile applications

## Power Input

Input is 12VDC +/-5%  
Includes External AC Adapter, Input 90~264V AC @ 1.5A  
47-63Hz

## Included with System

North American Power Cord  
Wall Mount Bracket  
90-264V AC Adapter, 3ft cable exit length  
\* NOTE: Subject to change without notice

## 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  
External USB DVD+-RW/CD-RW Drive

## Rear Panel

6 x RS232 COM port  
2x Gigabit RJ45 Network connection  
Audio Line-Out Jack  
Microphone Input Jack

## Front Panel

4 x USB 3.0 Ports  
1x Analog VGA / HD-15  
1x DVI-D video connector  
1x HDMI video connector  
12VDC Power Input Jack

## Dimensions

1 x USB 2.0 Port  
Power ON/OFF with LED  
11.81"(W) x 7.87"(D) x 2.95"(H) (300 x 200 x 75 mm)

**Environmental**

Operating Temperature: -10 to 45C  
Relative Humidity: 90% RH (40C non-Condensing)

**Approvals**

RoHS  
CE

**Weight**

Unit Weight: 7.05 lbs / 3.2 KG (Depending on configuration)  
Shipping Weight: 11 Lbs / 4.98 KG (Depending on configuration)  
Power supply Weight: 2.0 lbs / 0.90 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.