

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 North American Power Cord
Included with System	Wall Mount Bracket 90-264V AC Adapter, 3ft cable exit length * NOTE: Subject to change without notice 802.11 b/g/n/ac Dual Band (2.4Ghz / 5Ghz) WiFi and Bluetooth, Intel® AC7260 via internal Mini-PCIe
Options	Remote power option Ideal for OEM or Cabinet manufacturers External USB DVD+-RW/CD-RW Drive 6 x RS232 COM port 2x Gigabit RJ45 Network connection Audio Line-Out Jack Microphone Input Jack
Rear 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
Front Panel	1 x USB 2.0 Port Power ON/OFF with LED
Dimensions	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.