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
Expansion Slot(s)	2 Expansion slots*, max card length 5.5” / 139.7mm 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)
Networking	2 Integrated Gigabit Ethernet ports, RJ45 interface, Intel® 1000PL 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
Rear Panel	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 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.