

LPC-680 - POWERFUL I7 SMALL MINI PC



Highly Reliable Small Form Factor Computing

- Powerful Intel Core i7 Mobile Processor
- Small Size; 6.54"(W) x 6.18"(D) x 1.89"(H)
- Rugged Chassis with Mounting Bracket options
- Dual Display support with DisplayPort and DVI-I
- Up to 1TB Storage & 8GB of DDR3 Memory
- Built-in USB 3.0, Gigabit LAN, Serial DB9/RS232, e-SATA, Video (DisplayPort, DVI-I), Audio, Optional 802.11 b/g/n Wireless
 - Remote Power Option
- Solid State Hard Drives (SSD) Optional

(Important Notice: The LPC-680 model is now end of life and is replaced by the functional equivalent model LPC-681.)



GALLERY IMAGES



PRODUCT DESCRIPTION

The Stealth model LPC-680 is designed with the new second generation Sandy Bridge Intel® Core i7 mobile processor technology. You will experience blazing speed performance that will handle your most processor intense applications in the smallest space ever. This tiny package measures a mere 6.5" x 6" x 2" in size and yet can outperform a PC many times its size.

Feature Packed and Well Connected

The Stealth LPC-680 Little PC is packed with features including a front load optical drive, DisplayPort, DVI, USB 3.0, RS232, GB LAN, audio in/out ports and much more. The LPC-680 operates from an external 20VDC power adapter (included) or can be connected to an external DC source of 12 to 20VDC making it ideal for mobile and in-vehicle applications.

ADDITIONAL INFORMATION

Processor

Supporting Intel® 2nd Generation Core™ i7 Processors (Code name Sandy Bridge)

Offered with Intel's Core i7-2620M (2.7Ghz)

Chipset

Intel's QM67 Chipset

Memory

Dual-Channel memory architecture

Offers 2 x DDR3 SO-Dimm memory slots providing options up to 8GB of RAM

WatchDog Timer

1 ~ 255 sec/min

Internal Storage

Offered with 500GB Serial ATA (SATA) with options of up to 1TB capacity

Optical Drives

Slim DVD-RW / CD-RW (Serial-ATA)

Optional DVD-RW / Blu-Ray Burner Serial ATA (SATA)

Supports Extended Desktop or Clone modes

Video

Integrated Intel HD3000 graphics

Supports 1080p HD Video and Blu-ray Playback

Onboard integrated 10/100/1000 Intel Gigabit Ethernet, RJ45 connection (W82577LM)

Networking

Optional Built in 802.11 ac/a/b/g/n Wireless Networking Card, Dual Band Support, 2.4Ghz / 5Ghz + Bluetooth via Mini-PCle, Intel AC 7260

Audio

Realtek HD Audio Codec ALC662 HD, 5.1 Channel

Windows 7 (32 and 64-bit)

Windows XP (32-Bit and 64-Bit)

Operating Systems

Ubuntu Linux

Optional: QNX & embedded

Please contact us directly for any special requirements

Chassis Description

Low Profile Rugged Steel Chassis

Rear DC power Jack ideal for mobile applications

Power Input

Input is 12-20V DC +/-5% (90W Max)

Includes External AC Adapter, Input 100~240V AC @ 1.5A 50-60Hz

Power Management

ACPI compliant

Wake-on event

Included with System	100-240V AC Adapter North American Power Cord
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 1x RS232 COM port 1x Gigabit RJ45 Network connection Optional 802.11 WiFi Antenna Audio Line-Out Jack Microphone Input Jack
Rear Panel	2 x USB 3.0 Ports 2x HDMI video connectors 1x DisplayPort video connector 2x e-SATA ports (or 2x USB ports) Kensington lock hole DC Power Input Jack 2 x USB 2.0 Ports Power-on button with LED Hard Drive indication LED Fan Warning indication LED
Front Panel	
Dimensions	6.54"(W) x 6.18"(D) x 1.89"(H) (166 x 157.5 x 48 mm) Operating Temperature: 0~50C (32~122F) Storage Temperature: -30~60C (-22~140F) Relative Humidity: 95% RH (45C non-Condensing)
Environmental	Operating Vibration: 0.5Grms, Random, 10~500Hz, X,Y,Z 3Axes, 0.5hr/Axis Operating Shock: 8G, Half sine, 11ms duration MTBF: 50,000hrs
Approvals	RoHS
Weight	Unit 3.30 lbs / 1.50 KG Power supply w/cord: 1.15 lbs / 0.52 KG Shipping: 5 lbs / 2.3 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.