

## LPC-125LPM - LOW POWER MOBILE SMALL MINI PC



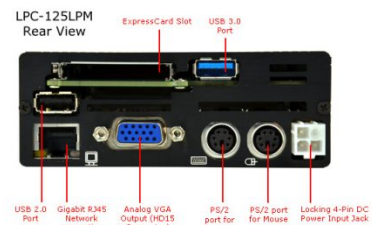
### ***Embedded, Wide Temperature Range***

- Ideal for Embedded, Field, Mobile Computing
  - Start Up/Shut Down Delay Features
- -10 to +60C (14 to 140F) Temperature Range
  - DC Power Input 10V-26VDC
- Ultra Small, Only 4.0" x 6.1" x 1.45" in size
  - Intel D525 1.8GHz Dual Core CPU
  - SSD (Solid State Drive) Standard
- Built-in Gigabit LAN, USB 3.0/2.0, Audio, Serial, Video, ExpressCard/34, Mini-PCle Slot
  - Low Profile Rugged Aluminium Chassis
  - Panel/Wall Mount Brackets Included

***(Important Notice: The LPC-125LPM model is now end of life and is replaced by the functional equivalent model LPC-810.)***



## GALLERY IMAGES



## PRODUCT DESCRIPTION

Designed specifically for embedded, field and mobile applications. The Stealth model LPC-125LPM is an extremely reliable, energy efficient, small form factor computer that measures a little larger than a deck of playing cards, 4.0" x 6.1" x 1.45" or 102mm x 155mm x 37mm.

The LPC-125LPM Embedded/Mobile PC operates within a wide range of DC input power, 10-26VDC and is equipped with a secure connector to avoid power disconnections. Stealth's mobile computers feature our integrated smart vehicle power controls for safe power up and power down. Stealth Embedded/Mobile PCs are an ideal computing platform for in-vehicle, mobile, industrial control, diagnostic, machine, medical and a host of other applications.

**ADDITIONAL INFORMATION**

|                                  |                                                                                                                                                                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Processor</b>                 | Intel's Pineview D525 1.8GHz Dual Core processor, (2C/4T) 1 MB L2 Cache, 32-bit and 64-bit compatible                                                                                                                                                          |
| <b>Chipset</b>                   | Intel ICH8M                                                                                                                                                                                                                                                    |
| <b>BIOS</b>                      | Award PnP Flash BIOS                                                                                                                                                                                                                                           |
| <b>Memory</b>                    | 4GB DDR3 SO-Dimm RAM Standard (MAX)                                                                                                                                                                                                                            |
| <b>Internal Storage</b>          | 128GB MLC SSD (Solid State Drive) standard (SATA)<br>Options of up to 1TB SSD internal storage.                                                                                                                                                                |
| <b>Internal Expansion Option</b> | 1 Internal Mini-PCIe expansion option<br>1 External ExpressCard/34 slot (34mm wide)                                                                                                                                                                            |
| <b>Mobile PC Features</b>        | Hardware startup Delay 8secs (approx)<br>Hardware shutdown delay, instant                                                                                                                                                                                      |
| <b>Video</b>                     | Onboard Intel Graphics Media Accelerator 3150<br>Analog video display output, supports resolution up to 2048×1536 @ 60Hz                                                                                                                                       |
| <b>Networking</b>                | Integrated 10/100/1000 Base-T Intel Pro 1000 PL (82573L) Gigabit Ethernet controller, RJ45 connection (PXE support)<br>Optional Built in 802.11 ac/a/b/g/n Wireless Networking Card, Dual Band Support, 2.4Ghz / 5Ghz + Bluetooth via Mini-PCIe, Intel AC 7260 |
| <b>Audio</b>                     | Integrated Realtek High Definition Audio CODEC ALC888                                                                                                                                                                                                          |
| <b>Operating Systems</b>         | Windows 10 (64-bit)<br>Windows 7 (32 and 64-bit)<br>Windows XP (32-Bit and 64-Bit)<br>Ubuntu Linux<br>Optional: QNX & embedded<br>Please contact us directly for any special requirements                                                                      |
| <b>Chassis Description</b>       | Rugged Aluminum Chassis<br>Includes Panel/Wall Mount Brackets<br>Rear Locking 3-Pin power Jack ideal for mobile applications                                                                                                                                   |
| <b>Power Input</b>               | Input is 10V - 26VDC, + / - 5%<br>Includes Power Input Cable with stripped ends<br>No External AC Adapter included (optional AC supply available)                                                                                                              |

## Power Consumption

20W when used with optional AC power adapter  
15W at LPC-125LPFM DC power connector  
\* Test based on, 160GB HDD, 4GB RAM with 90% CPU load

## Power Management

ACPI 3.0 compliant OS Direct power management  
Wake-on event (Real Time Clock / RTC, USB Keyboard, LAN / Network, Keyboard, Mouse)

## Hardware Monitor

Processor temperature  
Cooling fan speed  
Voltage

## Included with System

DC power input cable (No AC / DC Adapter included)  
LPC-100-WM-BRACKET, Mounting Bracket  
4 Rubber Feet

## 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  
Remote Reset  
Custom Mounting Bracket  
Custom colors and logos for volume  
Mobile Bench Test Kit (for use with AC power)  
Removable Computer Module on LCD Monitor

## Rear Panel

2 PS/2 ports for Keyboard & Mouse  
1x Gigabit RJ45 Network connection  
1 x USB 3.0 Port  
1 x USB 2.0 Port  
1x Analog VGA / HD-15  
1 x ExpressCard/34 slot  
Locking 3-Pin DC Power Input Jack

## Front Panel

3 x USB 2.0 Ports  
1 x USB 3.0 Port  
2 x RS232 COM port  
Headphone/Audio Line-Out Jack  
Microphone Input Jack  
Power and Hard Drive notification LED  
Power-on button

## Dimensions

4.0"(W) x 6.1"(D) x 1.45"(H) (102mm x 155mm x 37mm)

## Environmental

Operating Temperature: -10 to 60C (14 to 140F)  
Storage Temperature: -20 to 70C (-20 to 158F)  
Operating Relative Humidity (non condensing) 10-80%  
Storage Relative Humidity (non condensing) 0-90%

|            |                                                                                                                             |
|------------|-----------------------------------------------------------------------------------------------------------------------------|
| Approvals  | RoHS<br>CE                                                                                                                  |
| Weight     | Unit Weight: 1.2 lbs / 0.54 KG (Depending on configuration)<br>Shipping Weight: 4 Lbs / 1.8 KG (Depending on configuration) |
| Warranty   | 1 Year limited Warranty Standard<br>1 Year Extended Warranty available (see Configurator/Price List)                        |
| Disclaimer | Note: Specifications are subject to change without notice.                                                                  |