



999.00 EUR  
incl. 19% VAT, plus shipping

- Intel Atom Silverthorne !
- 1.6Ghz !
- Intel Rapid BIOS Boot
- 4x Rear USB 2.0



Support: [Review \[DE\]](#) | [Manual \[EN\]](#) | [Specifications \[EN\]](#) | [Review \[EN\]](#)

### Specifications

<a href="#">CPU</a>	Intel Atom 230 1.6Ghz	<a href="#">RAM</a>	1x DDR-II 533/667
<a href="#">Graphic</a>	Intel GMA 950	<a href="#">Audio</a>	Realtek High Definition Audio
<a href="#">Formfactor</a>	ITX (17x17cm)	<a href="#">Base</a>	Intel ITX

### Interface

<a href="#">USB</a>	6x USB 2.0	<a href="#">LAN</a>	1x 10/100
<a href="#">Firewire</a>	--	<a href="#">Parallel</a>	1x
<a href="#">IDE/SATA</a>	1x IDE, 2x SATA	<a href="#">Serial</a>	1x

### Features

<a href="#">TV-Out</a>		<a href="#">Passive cooling</a>	
<a href="#">PCI</a>	■	<a href="#">PCI-Express</a>	
<a href="#">Mini-PCI</a>		<a href="#">PCMCIA</a>	
<a href="#">IDE</a>	■	<a href="#">SATA</a>	■
<a href="#">DVI</a>		<a href="#">CPU changeable</a>	
<a href="#">800x480 Resolution</a>	■	<a href="#">Compact Flash</a>	

## Compatible enclosures



[Casetronic Travla C137](#)



[Casetronic Travla C138](#)



[M200 Enclosure](#)



[M200-LCD Enclosure](#)



[M300 Enclosure \(1x PCI\)](#)



[M300-LCD Enclosure \(1x PCI\)](#)



[M350 Mini-ITX enclosure](#)



[M4-BOX](#)



[MHero-L-B enclosure \(1x PCI, Slimline ODD\)](#)



[MHero-L-R enclosure \(1x PCI, Slimline ODD\) \\*new\\*](#)



[MHero-S-B enclosure \\*new\\*](#)



[MHero-S-R enclosure \\*new\\*](#)



[Morex Case 3300](#)



[Morex Case 3310](#)



[Morex Case Cubid CB2699 beige](#)



[Morex Case Cubid CB2699 black](#)



[Morex Case Cubid CB3677 black](#)



[Morex Case Cubid CB3688 black](#)



[VoomPC \(perfect for M1-ATX/M2-ATX\) \[Black Edition\]](#)



[VoomPC \(perfect for M1-ATX/M2-ATX\) \[Black Edition\] \(with TFT power connector\)](#)



[VoomPC-2 \(perfect for M1-/M2-ATX\) \[Black Edition\]](#)



[VoomPC-2 \(perfect for M1-/M2-ATX\) \[Black Edition\] \(with TFT power connector\)](#)

The Atom-CPU is a perfect basis for a low-cost system. It works very energy saving and therfor is perfect for mobile usage. But also can be used as a server, Car-PC or Multimedia solutions.

Atom-CPU mainly was developed for the upcoming „Mobile Internet Devices“ (MID), which are fielded between notebooks and cell phones. „The processors were equipped in 45nm production with the worlds smallest transistors“, said Intels Vice President Sean Maloney.

As IT-world currently is crying for „GreenIT“ schreit, this mainboard can be the answer. For example Intel was able to reduce the power consumption of the CPU from precessor D201GLY2 from 20W to 2.05W, which is really incredible ! Here other mainboards can not compete with !

Name	D945GCLF
Form Factor	Mini-ITX Mainboard
CPU	Intel Atom 230 @ 1x 1.60GHz (Silverthorne 45nm)

Chipset	Intel 82945G (ICH7)
L2 Cache	512kb
Graphics	Intel GMA 950
Memory	1x DDR2 533/667 RAM
Power	20 Pin ATX, P4-connector
Connectors (rear)	<ul style="list-style-type: none"> <li>- 2x PS/2</li> <li>- 1x Parallel</li> <li>- 1x D-SUB15 (VGA)</li> <li>- 1x RS232</li> <li>- 4x USB 2.0</li> <li>- 1x LAN 10/100MBit</li> <li>- 3x Sound (Line Out, Line In, Microphone)</li> </ul>
Audio	Realtek High Definition Audio
Connectors (internal)	<ul style="list-style-type: none"> <li>- PCI</li> <li>- Audio</li> <li>- 2x USB</li> <li>- 2x SATA</li> <li>- 1x IDE</li> </ul>
Included	<ul style="list-style-type: none"> <li>- D945GCLF Mainboard (with 1.6Ghz Atom CPU)</li> <li>- I/O ATX rear plate</li> <li>- SATA cable</li> <li>- IDE cable</li> <li>- Quickstart-Guide</li> <li>- Drivers CD</li> </ul>

Intel 3 years manufacturer warranty

For Operating you need a P4 adapter or a PSU with P4 connector

**Bootup-Durations :**

- Cold boot : 29 sec.
- Standby : 3 sec.
- Hibernation : 21 sec.