



1139.00 EUR  
incl. 19% VAT, plus [shipping](#)

- 2cm height !
- Dualchannel VGA
- Mini-PCI Express
- 12VDC



10-units pack !

In the last years Intel already has brought some movement into the market by launching their low-priced Mini-ITX Mainboards (D201GLY2(A), D945GCLF(2)) but now again is starting a new revolution with a new generation of mainboards.

The power consumption of the new Intel „Half-Height“ mainboard, when comparing to his bigger brothers, has been reduced from over 30W to below 20W. This has been achieved by using the new Mobile Atom CPU which can be operated with passive cooling. And in addition Intel has managed to reduce the height to an outstanding 2 cm. This will lead to new generation of Small form factor systems with high feature density in a very small room.

But also when it comes to extension possibilities Intel has brought in some new ideas. There optionally will be available two new

## modules :

- Mini-PCI-express GPRS/UMTS–modul with integriated WLAN
- USB SSD modul as HDD substitutio for integration on the internal USB connector

Both modules can be installed without increasing the overall height of 2 cm .

|                       |                                                                                                                             |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Model                 | Intel D945GSEJT                                                                                                             |
| Type                  | Low-Profile (Half-Height) Mini-ITX                                                                                          |
| CPU / Chipset         | Intel Atom CPU N270 1.6Ghz<br>Intel Mobile 945GSE Express Chipset                                                           |
| Graphics              | Intel GMA 950                                                                                                               |
| Audio                 | Realtek ALC662 Audio codec                                                                                                  |
| RAM                   | 1x 200-pin DDR-2 SO-DIMM (533Mhz) up to 2GB                                                                                 |
| Power                 | 12VDC onboard<br>1x 12VDC                                                                                                   |
| Connectors (rear)     | 1x VGA (D-SUB 15)<br>1x DVI<br>3x USB 2.0<br>1x Audio                                                                       |
| Software              | 1x 10/100/1000 Mbit LAN<br>Drivers-CD                                                                                       |
| Connectors (internal) | 4x USB 2.0<br>1x IDE (44pin)<br>2x SATA<br>1x Parallel<br>2x Serial<br>1x PS/2<br>1x PCI<br>1x Mini-PCI Express<br>1x SPDIF |
| Dimensions            | 17 cm x 17 cm x 2 cm                                                                                                        |

**Notes:**

- The board can be powered directly from an AC/DC adapter.
- For vehcile-operation you can use the "DC/DC converter for Intel D945GSEJT".
- The board comes with a standard I/O Full height ATX rear plate.