



94.95 EUR
incl. 19% VAT, plus shipping

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



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

Specifications

CPU	Intel Atom N270 1.6Ghz	RAM	1x SO-DDR-II
Graphic	Intel GMA 950	Audio	Realtek ALC662
Formfactor	ITX (17x17cm)	Base	Intel ITX

Interface

USB	7x USB 2.0	LAN	1x 10/100/1000 Mbit
---------------------	------------	---------------------	---------------------

Firewire	--	Parallel	1x
IDE/SATA	1x IDE, 2x SATA	Serial	2x

Features

TV-Out		Passive cooling	■
PCI	■	PCI-Express	
Mini-PCI	■	PCMCIA	
IDE	■	SATA	■
DVI	■	CPU changeable	
800x480 Resolution	■	Compact Flash	

Compatible enclosures

	CFI A-7879 enclosure (4x 3.5" NAS, 1x 2.5", Hot-Plug, 1x PCI, 200W) *new*		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)		

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 integrated 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 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 1x 12VDC 1x VGA (D-SUB 15)
Connectors (rear)	1x DVI 3x USB 2.0 1x Audio 1x 10/100/1000 Mbit LAN
Software	Drivers-CD 4x USB 2.0 1x IDE (44pin) 2x SATA 1x Parallel
Connectors (internal)	2x Serial 1x PS/2 1x PCI 1x Mini-PCI Express 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.