

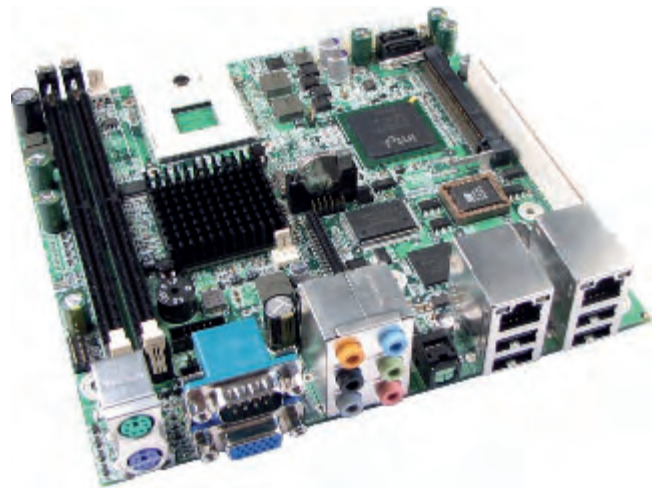
# Mini ITX

## Beschreibung

Das Board **MB965** basiert auf den Intel® Core™ 2 Duo Prozessoren für 1,06GHz bis 2,20GHz. Der Arbeitsspeicher, DDRII RAM (533/800MHz) bis zu 4GB, wird mittels zwei DIMM-Sockel (240pin) gesteckt. Der im Intel® 965GME Mobil GMA X3100 Chipsatz integrierte Grafikcontroller unterstützt CRT und optional 24/48Bit LVDS Displays. Als Schnittstellen stehen zur Verfügung: 2x RS232, (4x RS232 optional), 6x USB2.0, 2x SATA, 1x PS/2 KB/Mouse, 2x LAN 10/100/1000Bit (RJ-45), 1x CFlash Sockel Typ II und je 4 digitale I/O. Zusätzlich verfügt das Board über Erweiterungsschnittstellen wie je 1x PCI- und Mini-PCI Slot sowie optional 1x DVI.

## Description

The Board **MB965** is based on the Intel® Core™ 2 Duo processors with speed rates 1.06 up to 2,20GHz and supports DDRII-RAM (533/800MHz) up to 4GB via two DIMM-sockets 240pin. The integrated graphic controller allows CRT and optional 24/48Bit LVDS interface. The **MB965** also provides: 2x RS232, optional 4x RS232, 6x USB2.0, 2x SATA, 1x PS/2 KB/Mouse, 2x LAN 10/100/1000Bit (RJ-45), 1x CFlash-socket type II and each 4x digital I/O. In addition the board supports each 1x PCI and Mini-PCI slot and optional a module with 1x DVI.



## MB965 Datenblatt/Datasheet

## Technische Daten/Technical data

Processor System	
CPU	Intel® Celeron™ M Intel® Core™ Duo/Core™ 2 Duo
CPU Clock	1.06 – 2.2GHz
Chipset	Intel® 965GME + ICH8
Bios	Award™
System Memory	up to 2GB DDR2 DIMM, 2 socket 240pin, 533/800MHz
Graphic Controller	built in Intel®965GME Mobil Intel®GMA X3100
Graphic Memory	up to 384MB
Display interface	
CRT	1x
LVDS	1x 24/48Bit (optional)
DVI	1x (optional)
I/O Interface	
Chipset	Winbond® 83627HG
SATA	2x
PS/2 KB/Mouse	1x
USB	6x USB 2.0
Serial Port	2x RS232 (optional 4x R232)
Audio	HD 7.1 (Mic in, Line in, Line out)
SPDIF	1x
GPIO	4x digital in & 4x digital out
Storage System	
SSD	CFlash Typ II
Ethernet	
Chipset 2x Intel® 82573	10/100/1000MBit
Interface	2x RJ-45
Expansion Interface	
PCI slot	1x PCI golden finger edges
Mini-PCI slot	1x
Power Supply	
Power Management	APM 1.2, ACPI supported
Power Supply Voltage	+12V
Watchdog	1s-255h
Battery	1x Lithium 3V
Mechanical	
Dimension (L x W)	(170 x 170)mm
Environment	
Operating Temperature	0° to +40°C
Storage Temperature	-20° to +75°C
Relative Humidity	10% to 95% non condensing

## Bestellinformation/Ordering information

Article	Part No	Description
FB945-socket	A96100	FB945 socket 479
FB945-U7500	A96101	Intel® Core™ 2 Duo ULV 1,06GHz
FB945-L7500	A96102	Intel® Core™ 2 Duo LV 1,6GHz
FB945-T7500	A96103	Intel® Core™ 2 Duo 2,20GHz
FB945-M550	A96104	Intel® Celeron™ M 2,0GHz
Accessories	Part-No.	Description
DDR2-RAM 256	G80700	256MB DDR2-800 DIMM 240pin
DDR2-RAM 512	G80701	512MB DDR2-800 DIMM 240pin
DDR2-RAM 1024	G80702	1GB DDR2-800 DIMM 240pin
DDR2-RAM 2048	G80703	2GB DDR2-800 DIMM 240pin
Dual DVI module	A96120	Module with dual DVI
LVDS module	A96121	Module with LVDS
COM module	A96122	Module with 4x RS232
CF-256MB	G81010	256MB CompactFlash™
CF-512MB	G81011	512MB CompactFlash™
CF-1GB	G81012	1GB CompactFlash™
CF-2GB	G81013	2GB CompactFlash™
CF-4GB	G81041	4GB CompactFlash™
CF-8GB	G81042	8GB CompactFlash™
Cooling active/fan	G96026	cooler with active fan
Options	Part-No.	Description
Option E1	G93034	Ext. Temp. (on request)

Änderungen vorbehalten / Subject to change