

# EB-ATOM-945

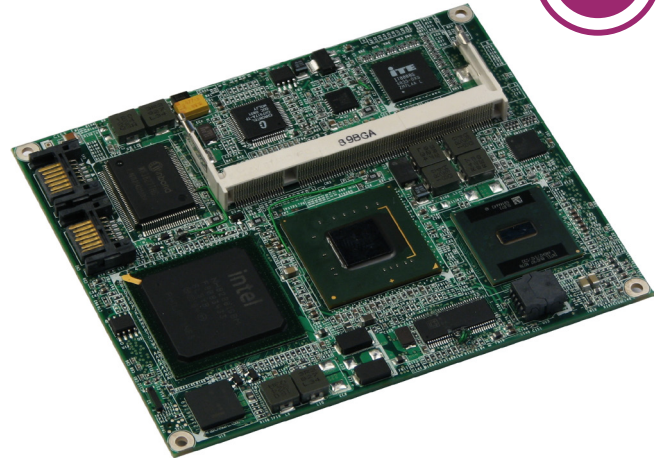
## Beschreibung

Das **EB-ATOM-945** basiert auf den Intel® Atom™ Prozessoren sowie dem Intel® 945GSE Chipsatz und der ICH7M. Die Performance beträgt derzeit 1,6GHz. Der Arbeitsspeicher DDR2-400/533MHz kann per So-DIMM Sockel (200pin) bis zu einer Größe von 2GB gesteckt werden. Der im Intel® 945GSE Chipsatz integrierte Grafikkontroller Intel® GMA 950 unterstützt CRT und Dual Channel LVDS Displays bis zu einer Auflösung von 1600x1200 (LVDS) und 2048x1536 (CRT). Als Schnittstellen stehen zur Verfügung: PCI Bus, ISA Bus, 2x IDE, 2x SATA, 4x USB2.0, 2x COM, Keyboard, Mouse, Floppy, LPT, 10/100MBit Ethernet und ein High Definition Audio Interface.

## Description

The **EB-ATOM-945** is based on the Intel® Atom™ processor, as well as the Intel® 945GSE chipset and ICH7M. The performance is currently 1,6GHz. The DDR2-RAM 400/533MHz supports up to 2GB and is added via So-DIMM socket. The graphic controller Intel® GMA950 is integrated inside the Intel® 945GSE chipset and supports CRT and dual channel LVDS displays up to a resolution of 1600x1200 (LVDS) and 2048x1536 (CRT). This interfaces are available: PCI Bus, ISA Bus, 2x IDE, 2x SATA, 4x USB2.0, 2x COM, keyboard, mouse, floppy, LPT, 10/100MBit Ethernet and a high definition audio interface.

ETX®



## Technische Daten / Technical Data

Size	95 x 114mm
CPU	Intel® ATOM™ N270
CPU Clock Speed	1,6GHz
Cache	512kB L2 Cache
Chipset	Intel® 945GSE, Intel® ICH7M
PCI Bus	PCI 2.3, 32bit / 33MHz
ISA Bus	ISA Bus (ETX® 3.0 compliant)
System Memory	So-DIMM-DDR2-400/533 up to 2GB
Video Controller	Intel® Graphics Media Accelerator GMA950
Video Memory	up to 224MB DVMT 3.0
CRT	✓
LVDS	Dual Channel LVDS
COM1/2	✓
LPT	Uni/ECP/EPP
Floppy Port	shared with LPT
Keyboard	PS2
Mouse	PS2
USB	4x 2.0
Sound	Intel® High Definition Audio
IDE	2x ParallelATA (UDMA 33/66/100)
SATA	2x SerialATA (AHCI)
LAN	10/100MBit
BIOS	Award™
Power Consumption	max. 12W estimated
Cooling Type	passive
Operating Temp.	0°C to +60°C
Storage Temp.	-30°C to +85°C
Extended Temp.	on request

## Bestellinformation / Ordering Information

Article	Part-No.	Description
EB-ATOM-945	P91000	Intel® ATOM™ 1,6GHz

Accessories	Part-No.	Description
DDR2 RAM 256	G80400	256MB DDR2-533 So-DIMM 200pin
DDR2 RAM 512	G80401	512MB DDR2-533 So-DIMM 200pin
DDR2 RAM 1024	G80402	1GB DDR2-533 So-DIMM 200pin
DDR2 RAM 2048	G80403	2GB DDR2-533 So-DIMM 200pin

heatspreader	G96020	95mm x 114mm x 2mm
passive cooler	G96021	95mm x 114mm x 15mm

Option	Part-No.	Description
Option-ET1	G93030	Ext. Temp. -40°C to +85°C

Änderungen vorbehalten / Subject to change