

TB-ATOM-945

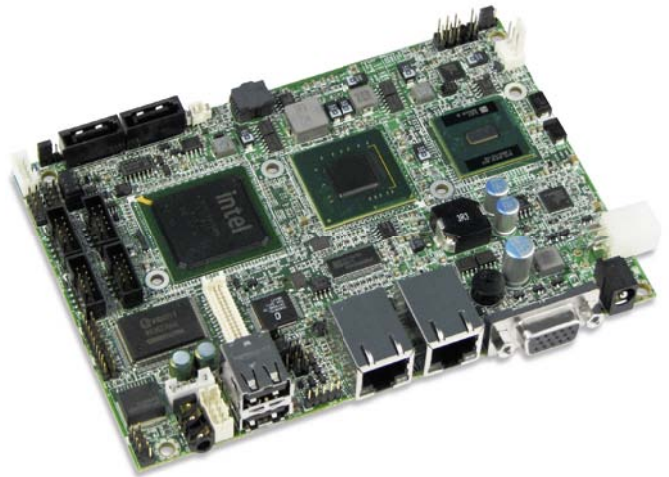
Beschreibung

Das **TB-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 integrierte Grafikcontroller Intel® GMA950 unterstützt 18/36Bit LVDS Displays und CRT bis zu einer Auflösung von 2048x1536. Als Schnittstellen stehen zur Verfügung: Keyboard, Mouse, 4x RS232, 4x USB 2.0 und 2x Power-USB, 1x Compact Flash™ Sockel, 2x Gigabit Ethernet, 2x SATA Ports und 1x Mini-PCI Express Sockel sowie ein HD Audio Interface (Line-out und Mic-in).

Description

The **TB-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 supports 18/36Bit LVDS displays and CRT up to a resolution of 2048x1536. This interfaces are available: keyboard, mouse, 4x RS232, 4x USB2.0 and 2x Power-USB, 1x Compact Flash™ socket, 2x Gigabit Ethernet, 2x SATA ports and 1x Mini-PCI Express socket as well as a HD audio interface (Line-out and Mic-in).

3,5" SBC



Technische Daten / Technical Data

Size	145x102mm
CPU	Intel® Atom™ N270
CPU Clock Speed	1,6GHz
Chipset	Intel® 945GSE, Intel® ICH7M
Cache	512kB L2
System Memory	DDR2-400/533 up to 2GB
Video Controller	Intel® Graphics Media Accelerator GMA950
Video Memory	up to 224MB shared (Intel® DVMT)
CRT	✓
LCD	18/36Bit LVDS
ISA BUS	-
PCI BUS	-
MiniPCI	-
PCI Express	-
MiniPCI Express	✓
CompactFlash™ card	✓
SD/SDIO card	-
COM	4x RS232
LPT	-
FDC	-
Keyboard	✓ PS/2 via pinheader
Mouse	✓ PS/2 via pinheader
USB	2x 2.0, 2x 2.0 via pinheader, 2x Power USB
Sound	High definition audio
IDE	-
Serial ATA	2x
IR Interface	-
LAN1	10/100/1000MBit
LAN2	10/100/1000MBit
BIOS	AMI™
Power Management	ACPI 3.0/APM 1.2
Watchdog	1s - 255h
RTC Battery	✓
Power Normal	12V/1A
Cooling Type	passive / active
Operating Temp.	0°C to +60°C
Extended Temp.	-40°C to +85°C

Bestellinformation / Ordering Information

Article	Part-No.	Description
TB-ATOM-945	P94120	Intel® Atom™ 1,6GHz
Accessories	Part-No.	Description
DDR2 RAM 256	G80450	256MB DDR2-400 So-DIMM 200pin
DDR2 RAM 512	G80451	512MB DDR2-400 So-DIMM 200pin
DDR2 RAM 1024	G80452	1GB DDR2-400 So-DIMM 200pin
DDR2 RAM 2048	G80453	2GB DDR2-400 So-DIMM 200pin
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
CF-128MB	G81027	128MB CompactFlash™ Industrial
CF-256MB	G81028	256MB CompactFlash™ Industrial
CF-512MB	G81029	512MB CompactFlash™ Industrial
CF-1GB	G81030	1GB CompactFlash™ Industrial
CF-2GB	G81031	2GB CompactFlash™ Industrial
CF-4GB	G81032	4GB CompactFlash™ Industrial
CF-8GB	G81033	8GB CompactFlash™ Industrial
CF-16GB	G81034	16GB CompactFlash™ Industrial
Options	Part-No.	Description
Option-ET1	G93030	Ext. Temp. -40°C to +85°C