

PB-ATOM-L+

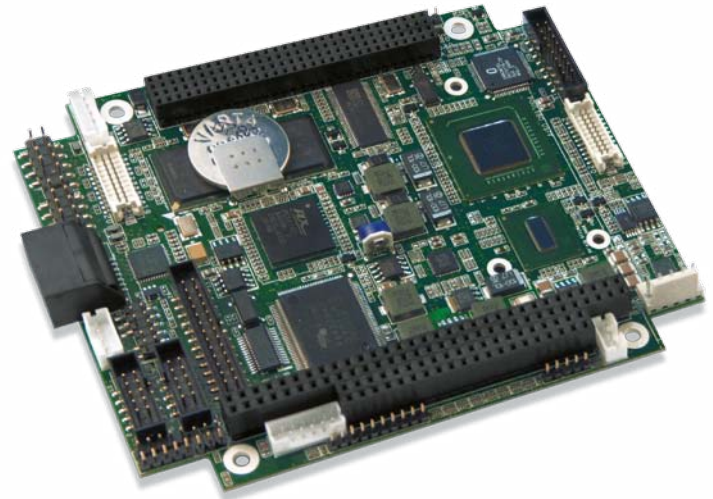
Beschreibung

Das **PB-ATOM-L+** basiert auf den Intel® Atom™ Prozessoren sowie dem Intel® SCH US15W (Poulsbo®) Chipsatz. Die Performance beträgt derzeit 1,1GHz bis 1,6 GHz. Der Arbeitsspeicher DDR2-RAM 400/533MHz kann per So-DIMM Sockel 200pin bis zu einer Größe von 2GB gesteckt werden. Der im Intel® SCH US15W (Poulsbo®) Chipsatz integrierte Grafikkontroller Intel® GMA 500 unterstützt CRT und 18/24Bit LVDS Displays bis zu einer Auflösung von 1600x1200. Als Schnittstellen stehen zur Verfügung: 2x RS232, 8x USB2.0, LPT, Keyboard, Mouse und 2x Ethernet 10/100Mbit sowie ein High Definition Audio Interface. Zusätzlich verfügt das Board über einen 16Bit ISA Bus (PC/104™) und einen 32Bit PCI Bus (PC/104-Plus™).

Description

The **PB-ATOM-L+** is based on the Intel® Atom™ processors, as well as the Intel® SCH US15W (Poulsbo®) chipset. The performance is currently 1,1GHz to 1,6GHz. The DDR2-RAM 400/533MHz supports up to 2 GB and is added via So-DIMM socket. The graphic controller Intel® GMA 500 is integrated inside the Intel® SCH US15W (Poulsbo®) chipset and supports CRT and 18/24Bit LVDS displays up to a resolution of 1600x1200. This interfaces are available: 2x RS232, 8x USB2.0, LPT, keyboard, mouse and Dual LAN 10/100MBit as well as a high definition audio interface. Furthermore the board has a 16Bit ISA bus (PC/104™) and a 32Bit PCI bus (PC/104-Plus™).

PC/104-Plus™



Technische Daten/ Technical Data

Size	96x90(115,6)mm
CPU	Intel® Atom™ Z510/Z530
CPU Clock Speed	1,1GHz - 1,6GHz
Chipset	Intel® SCH US15W (Poulsbo®)
Cache	512kB
PCI BUS	✓
ISA BUS	✓
System Memory	DDR2-400/533 up to 2GB
Video Controller	Intel® Graphics Media Accelerator GMA500
Video Memory	up to 256MB
CRT	✓
LCD	18/24Bit LVDS
COM1/2	✓
LPT	Uni/ECP/EEP
Keyboard	PS/2
Mouse	PS/2
USB	4x
Sound	High definition audio
SATA	2x
CompactFlash™ socket	✓
LAN1	10/100Mbit
LAN2	10/100Mbit
LAN Boot	✓
Bios	AMI™
Power-Management	ACPI 3.0/APM 1.2
Watchdog	1s-255h
Battery	✓
Power Consumption	5V/1,5A
Cooling Type	passive
Operating Temp.	0° to +60°C

Bestellinformation/ Ordering Information

Article	Part-No.	Description
PB-ATOM-L+ Z510	A83001	Intel® Atom™ 1,1GHz
PB-ATOM-L+ Z530	A83002	Intel® Atom™ 1,6GHz
Accessories	Part-No.	Description
CK-PB-ATOM-L+	G93047	PC/104™ Cable-Kit PB-ATOM-L+
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 DDR2-533So-DIMM 200pin
DDR2 RAM 2048	G80403	2GB DDR2-533 So-DIMM 200pin
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
CF-32GB	G81035	32GB CompactFlash™ Industrial
Options	Part-No.	Description
Option-ET1	G93030	Ext. Temp. -40°C to +85°C