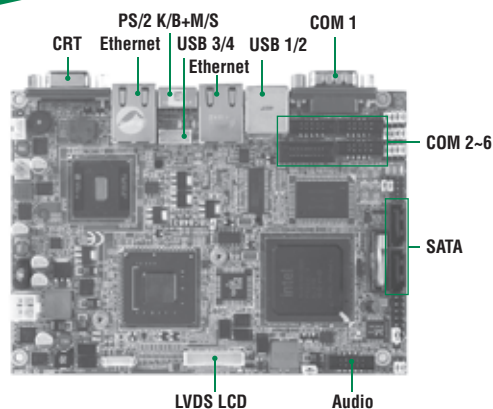


SBC8483 I

Intel® Atom™ Embedded SBC with Intel® 945GSE+ICH7M Chipset, CRT, Dual View and TPM

New

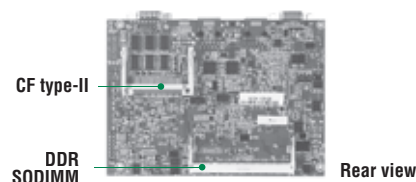


- Atom™
- Intel® 945GSE
- 6 COM
- LVDS/CRT
- 4 USB 2.0
- AC'97 Audio

Features



- ▶ Intel® Atom™ processor with 533 MHz MT/s
- ▶ With Intel® Gen 3.5 high performance integrated graphic controller for CRT and LVDS
- ▶ 4 USB 2.0 ports
- ▶ 6 COM ports
- ▶ +12V only supported



System

CPU	Intel® Atom™ processor with 533MHz MT/s
System Memory	1x 200-pin DDR2-400/533 SODIMM max. up to 1GB
Chipset	Intel® 945GSE+ICH7M
BIOS	AMI 8 Mbit with RPL/PXE LAN boot ROM.
Watchdog Timer	255 levels, 0~255 sec.
SSD	1 x CompactFlash™ type-II socket
Expansion Interface	N/A
Battery Lithium	3V/196mAH
Size	146 x 102mm
Temperature	0°C~60°C (32°F~140°F), operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

I/O

MIO	2 x SATA-150 1 x PS/2 keyboard 1 x PS/2 mouse 6 x RS-232 (COM1-6) 1); with +5V/+12V powered
Ethernet	Dual ports as 10/100/1000Mbps support Wake-on-LAN, RPL/PXE Boot ROM with Realtek RTL8111B
Audio	AC'97 Codec audio as MIC-in/Line-in/Line-out/ Speaker-out with Realtek ALC203
USB	4 x USB 2.0 port ; 2 ports on the rear I/O; 2 ports via wafer connector
SMBus	System Management Bus for advanced monitoring/control interface
Digital I/O	3 channel IN and 5 channel OUT

Display

Chipset	Intel® 945GSE Gen3.5 integrated graphic engine.
Memory Size	Max. up to 224 MB frame buffer sharing system memory
Resolution	* VGA: 2048 x 1536 * LVDS LCD: 18/24-bit single/dual channel up to 1600 x 1200
Output Interface	* CRT connector for DAC output * LVDS LCD with signal/dual 18/24 bit channel mode

Packing List

Quick installation guide, user's manual/utility CD, cable

Ordering Information

Standard	
SBC84831VGGA-1.6G (P/N: E384831100)	3.5" SBC with Intel® Atom™, CRT/LVDS LCD, 10/100/1000Mbps, audio and MiniPCI