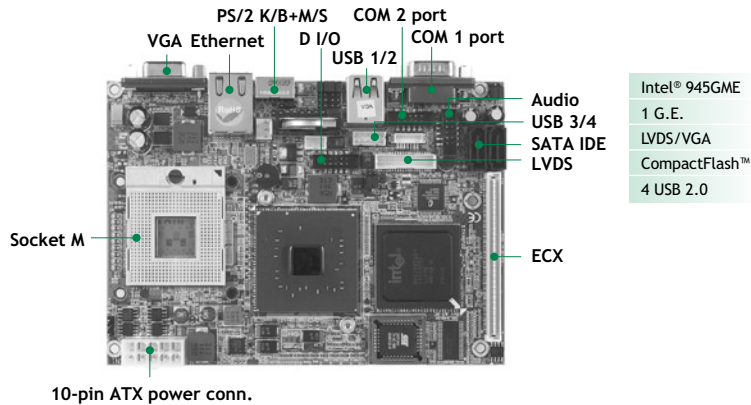


SBC84830

Socket M Intel® Core™2 Duo 3.5" Embedded SBC with Intel® 945GME + ICH7M Chipset, DualView, SATA and PCI Express



10-pin ATX power conn.

System

CPU	Socket M for Intel® Core™2 Duo/Core™ Duo/Core™ Solo/Celeron® M processors with FSB 533/667 MHz; Intel® Celeron® M processor ULV 423 onboard
System Memory	1 x 200-pin SO-DIMM supports DDR2-533/667 max. up to 2GB
Chipset	Intel® 945GME+ICH7M
BIOS	Phoenix-Award
SSD	1 x CompactFlash™ type-II
Watchdog Timer	255 levels, 1-255 sec.
Expansion Interface	1 x ECX slot supports for SDVO or PCI or PCIe x1 devices
Battery	Lithium 3V/220 mAh
Size	146 x 104 mm
Temperature	0°C ~ +60°C (32°F ~ 140°F), operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

I/O

MIO	1 x PS/2 keyboard and mouse 2 x RS-232; with +5V/+12V powered;
SATA	2 x SATA-150
Hardware Monitoring	Detect CPU/system temperature, voltage and fan speed
Ethernet	1 port as 10/100/1000Mbps supports 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 ports

Display

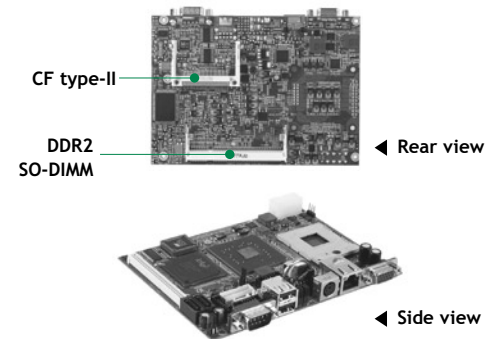
Chipset	Intel® GMA 950 graphics Core
Memory Size	Intel® DVMT 3.0 compliant
Display Interface	1 x VGA 1 x LVDS; 18/24-bit single/dual channel 2 x SDVO through ECX interface connector 2 nd LVDS LCD via AX93208 DVI-D via AX93222D

* W.T.: Wide Temperature

Features



- Socket M (478-pin) for Intel® Core™2 Duo/Core™ Duo/Core™ Solo/Celeron® M processor with FSB 533/667 MHz
- Intel® 945GME + ICH7M chipset
- DualView with different content & resolution
- 4 USB 2.0 ports for high speed peripherals
- 2 Serial ATA-150 supported
- PCIe and PCI extension through stacking kits



Packing List

Standard			
Quick installation guide, user's manual/utility CD, cable			
Cable			
Part Number	Description	SBC84830VGA	SBC84830VGA
		-L	-RC w/ 4COM
		Qty	Qty
593826A0000E	SATA signal cable 500mm	2	2
59384500200E	COM x 2 w/ bracket, P=2.0, L=250mm		1
59380402020E	COM port cable x 1, P=2.0, L=300mm	1	1
59384500100E	Audio cable w/ bracket P=2.0 L=450mm	1	1
59402010000E	ATX power cable 10P L=150mm	1	1
59382631000E	2 x USB 2.0 wafer cable w/ bracket L=180mm	1	1

Ordering Information

Standard	
SBC84830VGA-L (P/N: E384830100)	Socket M 3.5" SBC with VGA/LVDS LCD, 10/100/1000Mbps, AC'97 audio and 2 COM ports
Optional	
SBC84830VGA (P/N: E384830102)	Socket M 3.5" SBC with VGA/LVDS LCD, 10/100/1000Mbps, AC'97 audio, MiniPCI and 4 COM ports (via AX93200C)
SBC84830VGA-1GL (P/N: E384830101)	3.5" SBC with ULV423 Intel® Celeron® M 1 GHz CPU, onboard with VGA/LVDS, and 10/100/1000Mbps, AC'97 audio and 2 COM ports