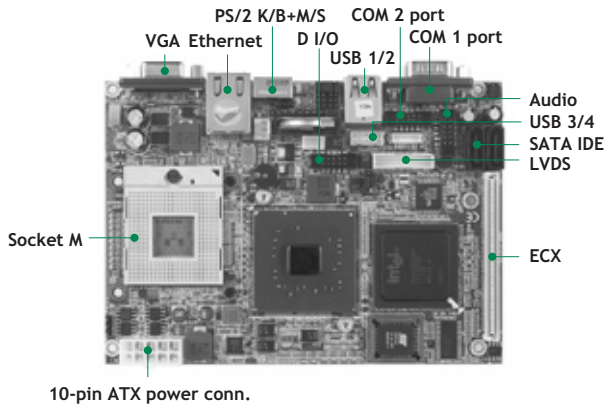


SBC84830

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

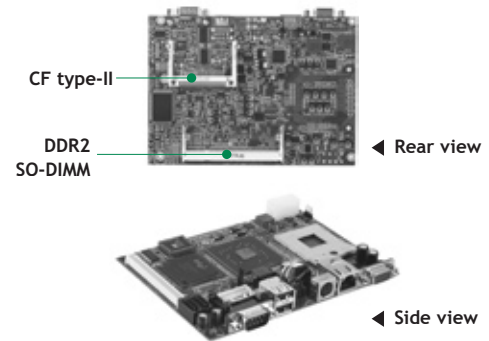


Intel® 945GME
1 G.E.
LVDS/VGA
CompactFlash™
4 USB 2.0



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
- 2 Serial ATA-150 supported
- PCIe and PCI extension through stacking kits



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
Power Requirements	*Intel® Core™2 Duo T7600 @2.33 GHz, 1GB DDR2 Max. RMS: +5VSB @ 23mA, +5V @ 1.722A, +12V @ 1.975A, -12V @ 24.36mA *Intel® Core™2 Duo T7200 @ 2.0 GHz, 1GB DDR2 Max. RMS: +5VSB @ 24.87mA, +5V @ 1.542A, +12V @ 1.979A
Size	146 x 104 mm
Board Thickness	1.6 mm
Temperature	0° C ~ +60° C (32° F ~ 140° F), operation
Relative 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

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 1 x SDVO through ECX interface connector 2 nd VGA via AX9322V 2 nd LVDS; 18/24-bit single/dual channel via AX93208 DVI-D via AX9322D

Packing List

Standard			
Quick installation guide, user's manual/utility CD, cable			
Cable			
Part Number	Description	SBC84830VGA -L Qty	SBC84830VGA -RC w/ 4COM 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 Ethernet, AC'97 audio and 2 COM ports
Optional	
SBC84830VGA (P/N: E384830102)	Socket M 3.5" SBC with VGA/LVDS LCD, 10/100/1000Mbps Ethernet, AC'97 audio, MiniPCI and 4 COM ports (with 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 Ethernet, AC'97 audio and 2 COM ports