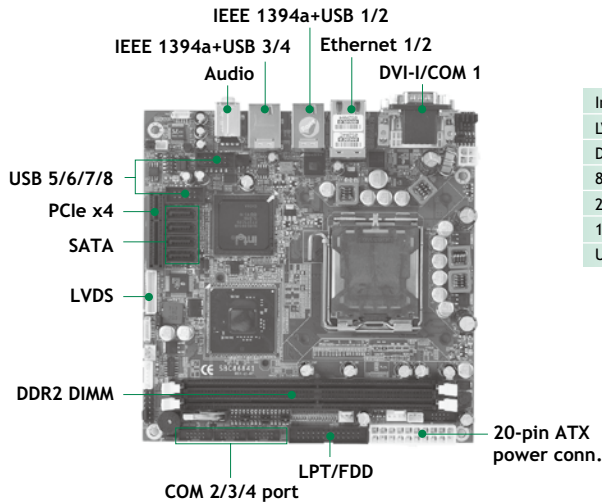


SBC86841

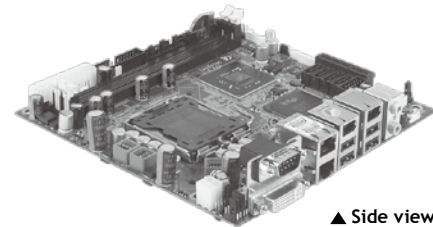
LGA775 Intel® Core™2 Duo Mini ITX SBC with Intel® Q965 + ICH8 Chipset, DVI/LVDS, RAID and Firewire



Intel® Q965
LVDS/VGA
DVI-I
8 USB 2.0
2 1394a
1 PCIe x4
USB DoM

Features

- LGA775 for Intel® Core™2 Duo/Core™ Solo processor with FSB 533/800/1066 MHz
- Intel® Q965 + ICH8 chipset
- With high performance integrated graphics controller
- 4 COM ports for transaction terminal applications
- 8 USB 2.0 ports and 2 IEEE 1394a ports



▲ Side view

System

CPU	LGA775 socket for Intel® Core™2 Duo/ Pentium® 4/ Pentium® / Celeron® D processors with FSB 533/800/1066 MHz
System Memory	2 x 240-pin DIMM support DDR2-533/667/800 max up to 4GB
Chipset	Intel® Q965 + ICH8
BIOS	Phoenix-Award
SSD	1 x CompactFlash™ type-II (optional)
Watchdog Timer	255 levels, 1-255 sec.
Expansion Interface	1 x PCIe x4 for 3 PCIe x1 devices 1 x PCI Express Mini Card (optional)
Battery	Lithium 3V/220 mAh
Size	170 x 170 mm
Temperature	0°C ~ +60°C (32°F ~ 140°F), operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

I/O

MIO	1 x FDD/LPT(default); with SPP/EPP/ECP supported 1 x PS/2 keyboard 1 x PS/2 mouse 3 x RS-232 (COM 2/3/4); with +5V/+12V powered 1 x RS-232/422/485 (COM 1); with +5V/+12V powered
SATA	4 x SATA-300
Hardware Monitoring	Detect CPU/system temperature, voltage and fan speed
Ethernet	1 st port as 10/100/1000Mbps supports Wake-on-LAN, RPL/PXE Boot ROM with Intel® 82566DM 2 nd port as 10/100/1000Mbps supports Wake-on-LAN, RPL/PXE Boot ROM with Realtek RTL8111B
Audio	HD Codec audio as MIC-in/Line-out/Speaker-out with Realtek ALC262
USB	8 x USB 2.0 ports
Firewire	2 x IEEE 1394a ports
TPM	Infineon SLB9635 for trusted platform (optional)
SMBus	System Management Bus for advanced monitoring/control interface
Digital I/O	8 channels IN/OUT programmable

Display

Chipset	Intel® GMA X3000 graphics Core
Memory Size	Intel® DVMT 4.0 compliant
Display Interface	1 x LVDS; 18/24-bit single/dual channel 1 x DVI-I

Packing List

Standard		
Quick installation guide, user's manual/utility CD, cable		
Cable		
Part Number	Description	SBC86841DGGAF Qty
593826A0000E	SATA singal cable 500mm	1
59386832000E	Wafer 2.00mm 6P to PS/2 cable, L=200mm	1
59384500200E	COM x 2 w/ bracket, P=2.0, L=250mm	1
59386831000E	USB cable x 2 w/ bracket, P=2.54mm L=180mm	1
594826A0000E	DVI to VGA adaptor	1

Ordering Information

Standard	
SBC86841DGGAF	LGA775 Mini ITX SBC with DVI-I/LVDS LCD, (P/N: E386841100)
	2 10/100/1000Mbps, HD audio, 4 COM ports and firewire