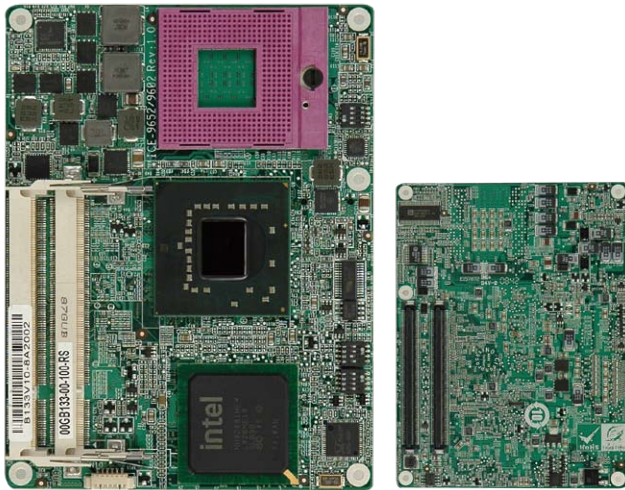


ICE-9652 / 9602

COM Express Basic Type 2 Module, Intel® Core™ Duo Processor, VGA/LVDS, GbE, SATA, USB and Audio



Package Type	Brand Name	Code Name	Package Size	CPU No.	Clock Speed	FSB (MHz)	L2	TDP	Chipset
Socket P	Core 2 Extreme	Merom (Santa Rosa)	35x35mm	X7900	2.8G	800	4M	44W	GME965/ GME965
				X7800	2.6G		4M	44W	
				T7800	2.6G		4M	35W	
	T7700	2.4G	4M	35W					
	T7500	2.2G	4M	35W					
	T7300	2.0G	4M	35W					
	Core™2 Duo	Merom (Santa Rosa)	35x35mm	T7250	2.0G	2M	35W	GM45/ GME965	
				T7100	1.8G	2M	35W		
				L7700(BGA)	1.8G	4M	17W		
				L7500(BGA)	1.6G	4M	17W		
				L7300(BGA)	1.4G	4M	17W		
				T1700	1.83G	1M	31W		
	Celeron®	Merom (Montevina)	35x35mm	T1600	1.66G	1M	31W	GM45	
				585	2.16G	1M	31W		
				575	2.0G	1M	31W		
570				2.26G	1M	31W			
560				2.13G	1M	31W			
Merom (Santa Rosa)	35x35mm	35x35mm	550	2.00G	1M	31W	GME965/ GLE960		
			T2390	1.86G	1M	31W			
			T2370	1.73G	1M	35W			
			T2330	1.6G	1M	35W			
			T2310	1.46G	1M	35W			

Specifications

FSB800

DDR2 667



- ◆ CPU
Socket P Intel® Core™ Duo Processor with 800MHz FSB
Socket P Intel® Celeron® M Processor with 533MHz FSB
- ◆ System Chipset
Intel® GME965/GLE960 + ICH8M
- ◆ BIOS
AMI BIOS
- ◆ System Memory
Two 200-pin 667/533/400MHz DDR2 SO-DIMM support up to 4GB for ICE-9652
Two 200-pin 533/400MHz DDR2 SO-DIMM support up to 2GB for ICE-9602
- ◆ Ethernet
One Realtek RTL8111CP PCIe GbE Chipset
- ◆ I/O Interface
8 x USB 2.0 (to Base Board)
3 x SATAII (to Base Board)
1 x IDE channel (to Base Board)
- ◆ Expansions
1 x PCIe x16 (ICE-9652) or 2 x SDVO signal to Base Board
5 x PCIe x1 signal to Base Board
4 x PCI , 32 bit / 33 MHz PCI bus to Base Board
- ◆ Display Interface
VGA/HDTV Integrated in Intel GME965/GLE960 Signal (to Base Board)
18/24-bit Dual channel LVDS Signal (to Base Board)
- ◆ Audio
HD Interface:HD Audio Signal to Base Board (Audio Codec on Base Board)
- ◆ Watchdog Timer
Software programmable supports 1 ~255 sec. System reset (Depend on Super I/O of Base Board)
- ◆ Power Supply
AT / ATX supported
- ◆ Power Consumption
12V@3.039A (Intel® Core™2 Duo Processor T7500 2.2GHz with 1GB DDR2)
- ◆ Temperature
Operation: 0°C~ 60°C (32°F~ 140°F)
- ◆ Humidity
Operation: 5% ~95 non-condensing
- ◆ Dimensions
125 mm x 95 mm
- ◆ Weight
GW: 700g NW 250g

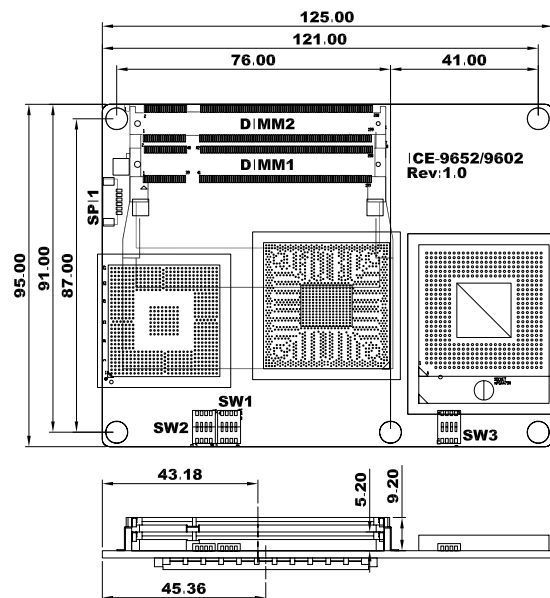
Packing List

- 1 x ICE-9652/9602 Single board computer
- 1 x Heatspreader
- 1 x Cooler
- 1 x Utility CD
- 1 x QIG (Quick Installation Guide)

Features

1. COM Express Type 2 Basic Module
2. Socket P Intel® Core™ Duo Processor support up to 800MHz FSB
3. Support one PCIe x 16, five PCIe x 1 or one PCIe x 4 and one PCIe x1, PCI Slot for expansion
4. Support 8 x USB2.0, 3 x SATAII, 1 x IDE Interface

Dimensions (mm)



Ordering Information

Part No.	Description
ICE-9652-R10	COM Express Basic type 2 Module with Intel GME965, VGA/LVDS, GbE, USB, SATAII and Audio
ICE-9602-R10	COM Express Basic type 2 Module with Intel GLE960, VGA/LVDS, GbE, USB, SATAII and Audio
ICE-DB-9S-R10	Base Board for COM Express Type 2 modules