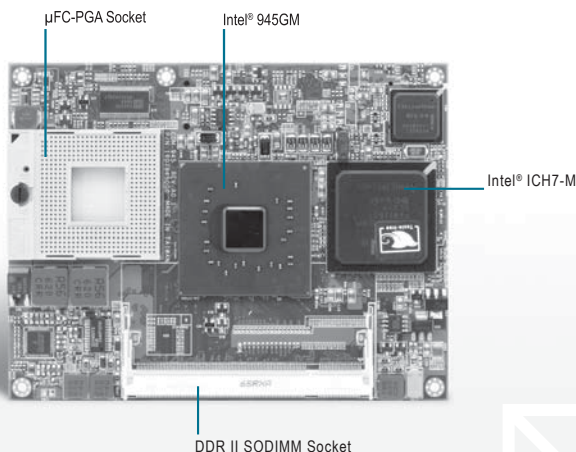


COM-945

Computing Platform Service Partner

Intel® Core 2 Duo/ Core Duo/ Core Solo/ Celeron® M (Yonah) Processors



Specifications

System	
Form Factor	COM Express basic module, Pin-out Type II
Processor	Intel® Core 2 Duo/ Core Duo/ Core Solo/ Celeron® M (Yonah) Processors
System Memory	200-pin DDRII SODIMM x 1, Max. 2GB (DDRII 400/533/667)
Chipset	Intel® 945GM + ICH7-M
I/O Chipset	ICH7-M (ITE IT8712 on the carrier board)
Ethernet	Intel® 82573L, Gigabit Ethernet
BIOS	AWARD, 512KB Flash ROM
Wake on LAN	Yes
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Supports CPU temperature monitoring
Expansion Interface	PCI-Express [x16] x 1, PCI-Express [x1] x 4, 32-bit PCI x 1, LPC bus x 1
Power Requirement	+12V, +5Vsb, +3.3V/AT/ATX
Power Consumption (Typical)	Intel® Celeron® M 2.0GHz 0.85A@+5V, 1.84A@+12V
Board Size	4.92" (L) x 3.74" (W) (125 mm x 95 mm)
Gross Weight	0.66 lb (0.3 Kg)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
MTBF (Hours)	—
Display	
Supports CRT/LCD, CRT/TV, LCD/TV Dual Simultaneous/ Dual Independent Display	
Chipset	Intel® 945GM
Memory	Shared memory up to 224MB
Resolutions	Up to 2048 x 1536 (QXGA) for CRT Up to 1600 x 1200 (UXGA) for LCD
LCD Interface	Up to 18/36-bit dual channel LVDS
SDVO	Supports SDVO x 2 (Shared with PCI-Express [x16])
TV-Out	Supports NTSC/PAL, up to 1080p
I/O	
PATA/SATA	SATA port x 2, PATA port x 1
Audio	AC97 Digital Audio Interface
USB	USB 2.0 port x 8

Features

- COM Express Basic Module, Pin-out Type II
- Supports Intel® Core 2 Duo/ Core Duo/ Core Solo/ Celeron® M (Yonah) Processors
- Intel® 945GM + ICH7-M Chipset
- Supports non-ECC DDRII 400/533/667 Memory
- Supports CRT/ LVDS/ TV
- Supports Gigabit Ethernet
- Supports AC97 Digital Audio Interface
- +12V Operation Voltage



Packing list

- Utility CD
- COM-945

Ordering Information

- TF-COM-945-A10**
COM Express, Socket 478, DDR II, GbE, Audio, USB 2.0, Rev.A1.0

Optional Accessories

- TF-ECB-915A-A10-01**
COM Express Carrier Board, for Dual GbE, Rev.A1.0
- TF-PER-A016**
CPU Cooler, for Socket-type CPU
- TF-PER-A017**
CPU Cooler, for Onboard CPU
- TF-PER-A018**
Heat Spreader Kit, for Socket-type CPU
- TF-PER-A019**
Heat Spreader Kit, for Onboard CPU
- TF-PER-A021**
Passive Heat-sink, for Socket-type CPU
- TF-PER-A022**
Passive Heat-sink, for Onboard CPU
- TF-PER-A023**
CPU Cooler, for Socket-type CPU, high TDP
- TF-PER-A024**
CPU Cooler, for Onboard CPU, high TDP