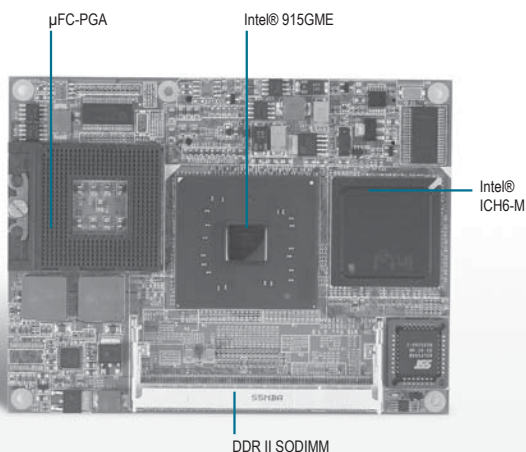


COM-915/ COM-915B

Intel® Pentium® M/ Celeron® M Processors



Features

- Intel® Pentium® M/ Celeron® M Processors
- DDR II 400/533 Memory
- CRT/ 18-bit Dual-channel LVDS LCD/ TV
- Gigabit Ethernet (Rev.B1.0) or 10/100Base-TX
- AC97 Digital Audio Interface
- +12V/+5Vsb Operating Voltage/ +3.3 for RTC
- COM Express Basic Module Pin-out Type II



Specifications

| System | | |
|---|--|---|
| Form Factor | COM Express basic module, Pin-out Type II | |
| Processor | Intel® Pentium® M/ Celeron® M processors | |
| System Memory | 200-pin DDRII SODIMM x 1, Max. 2GB (DDRII 400/533) | |
| Chipset | Intel® 915GME + ICH6-M | |
| I/O Chipset | ICH6-M (ITE IT8712 on the carrier board) | |
| Ethernet | Intel® 82573L, Gigabit Ethernet or Intel® 82562ET, 10/100Base-TX Ethernet | |
| BIOS | Award | |
| 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 3 | |
| | 32-bit PCI x 4 | |
| | LPC bus x 1 | |
| | SMBus x 1 I2C x 1 | |
| Power Consumption | TF-COM-915-B10 Pentium® M 760 2.0GHz, DDRII 533 1GB +12V @ 2.02A, +5V @ 3.45A W/TF-ECB-915A-A10-01 | |
| | Power Requirement | DC +12V/+5Vsb, operating voltage/3.3V for RTC |
| | 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) | 50,000 | |
| Display | | |
| Supports CRT/LCD, CRT/TV, LCD/TV Dual Simultaneous/ Dual Independent Display | | |
| Chipset | Intel® 915GME integrated | |
| Memory | Shared system memory up to 128MB | |
| Resolutions | Up to 2048x1536 (QXGA) @75Hz for CRT Up to 1600x1200 (UXGA), 1920x1200 (WUXGA) for LCD | |
| LCD Interface | 18-bit dual-channel LVDS | |
| SDVO | Supports SDVO x 2 (Shared with PCI-Express [x16]) | |
| TV-Out | Intel® 915GM integrated, supports NTSC/PAL/HDTV HDTV supports: 480p/720p/1080i/1080p Supports Composite Video, S-Video, Component Video (YPbPr) on carrier board | |
| I/O | | |
| Storage | PATA x 1, SATA x 2 | |
| USB | USB 2.0 x 8 | |
| Audio | AC97 digital audio | |

Packing List

- Utility CD
- COM-915

Ordering Information

- **TF-COM-915-A10**
COM Express, Socket 478 (Dothan CPU), DDR II, LAN, Audio, USB2.0, Rev. A1.0
- **TF-COM-915-A10-01**
COM Express, Intel® Celeron® M 600 MHz with 512KB L2 Cache, DDRII, LAN, Audio, USB2.0, Rev. A1.0
- **TF-COM-915-B10**
COM Express, Socket 478 (Dothan CPU), DDR II, GbE, Audio, USB2.0, Rev. B1.0
- **TF-COM-915-B10-01**
COM Express, Intel® Celeron® M 600 MHz with 512KB L2 Cache, DDRII, GbE, Audio, USB2.0, Rev. B1.0

Optional Accessories

- **TF-ECB-915A-A10**
COM Express Carrier Board For 10/100Base-TX + GbE, Rev. A1.0 (For COM-915, Rev.A)
- **TF-ECB-915A-A10-01**
COM Express Carrier Board For Dual GbE, Rev. A1.0 (For COM-915, Rev.B)
- **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