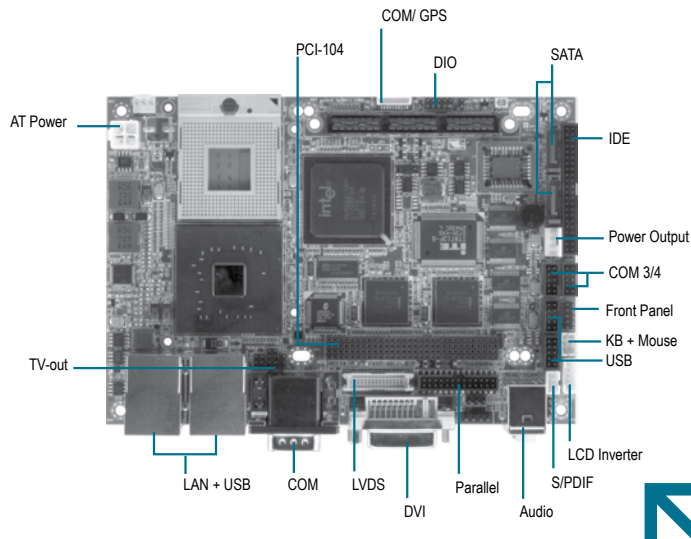


EPIC Express, Socket 478 Based Intel® Core™ 2 Duo (Merom)/ Core™ Duo/ Celeron® M (Yonah) Processors



Features

- Intel® Core™ 2 Duo (Merom)/Core™ Duo/ Core™ Solo/ Celeron® M (Yonah) Processors, Supports Socket 478/ Onboard CPU
- SODIMM DDR II 400/533/667 Max.2GB
- Up to 24-bit Dual-channel LVDS/TTL TFT LCD Multi-Display: CRT,TV-out, LVDS & DVI
- Dual Gigabit LAN
- AC97 2.3 3D Surround 5.1 Channel Audio
- Type II CompactFlash™ Socket
- PCI-104 Expansion Interfaces
- IDE x 1/ SATA II x 2/ LPT x 1/ COM x 5/ USB2.0 x 8/ 8-bit DIO
- +12V Only Operation



Specifications

System	
Form Factor	EPIC
Processor	Socket 478 based Intel® Core™ 2 Duo (Merom)/ Core™ Duo/ Celeron® M (Yonah) Processors up to 2.16GHz, FSB: 533/667MHz
System Memory	200-pin DDRII SODIMM x 1, Max 2GB (DDRII 400/533/667MHz)
Chipset	Intel® 945GME+ICH7-M
I/O Chipset	IT8712F KX + Fintek F81216DG
Ethernet	Intel® 82573L, 10/100/1000Base-TX, RJ-45 connector x 2
BIOS	Award Plug & Play BIOS – 1MB ROM
Wake On LAN	Yes
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Supports Power Supply Voltages, Fan Speed and Temperature Monitoring.
Expansion Interface	PCI-104
Battery	Lithium battery
Power Requirement	+12V, AT/ATX
Power Consumption (Typical)	Intel Core 2 Duo T7400 2.16GHz, DDRII 667 2GB 12V@3.02A
Board Size	4.53" x 6.50" (115 mm x 165 mm)
Gross Weight	1.2lb (0.5KG)
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)	60,000
Display	
	Supports CRT / LCD, CRT / DVI, CRT/TV simultaneous / Dual view displays
Chipset	Intel® 945GME integrated Graphics + CH7307 + CH7308
Memory	Shared system memory up to 224MB w/ DVMT 3.0
Resolutions	Up to 2048 x 1536 for CRT Up to 1600 x 1200 @ 24-bit for LCD Up to 1600 x 1200 for DVI
LCD Interface	Up to 24-bit dual-channel LVDS TFT LCD
TV-out	Supports NTSC and PAL standard, S-Terminal and Composite Video
DVI	DVI-I
I/O	
Storage	EIDE x 1 (UDMA 100), SATA II x 2, Type II CompactFlash™ x 1
Serial Port	RS-232 x 3, RS-232 TTL only/ GPS x 1, RS-232/422/485 x 1
Parallel Port	SPP/ EPP/ ECP mode
USB	USB2.0 x 8
PS/2 Port	Keyboard + Mouse x 1
Digital I/O	Supports 8-bit (Programmable)
Audio	Mic-in, Line-in, Line-out, CD-in, S/PDIF in/out, 5.1CH, Low frequency effect out

Packing List

- **9681945600**
Cable Kit for EPIC-9456
- **9657666600**
Jumper Cap
- **Quick Installation Guide**
- **Utility CD**
- **EPIC-9456**

Ordering Information

- **TF-EPIC-9456-A10**
EPIC, S-478, LCD-DVI-TV, DDRII, GbE, Audio, 5COM, USB2.0, CompactFlash™, PC/104+, Rev.A1.0

Optional Accessories

- **TF-PCM-3794-A10**
PCI-104 Board plus 2 PCMCIA Module
- **1701260200**
LPT Cable
- **1700080180**
TV-Out Cable
- **1701100206**
COM Cable
- **1703030102**
Audio Cable (Line-in)
- **1709100208**
USB Cable
- **1709030150**
S/P DIF Cable
- **1702040109**
Power output cable
- **1702040151**
AT Power cable
- **175011901C**
Battery cable
- **1700060153**
Audio Cable (Line-out)