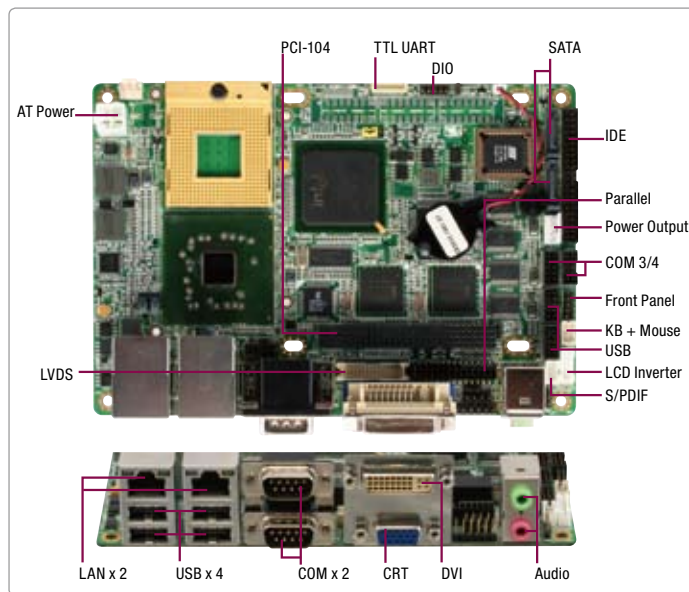


EPIC Board with Socket-478M Intel® Core™ 2 Duo/ Core™ Duo/ Celeron® M (65nm) Processor



## Specifications

System	
Form Factor	EPIC
Processor	Socket-478M Intel® Core™ 2 Duo/ Core™ Duo/ Celeron® M (65nm) processor up to 2.16 GHz, FSB: 533/667 MHz
System Memory	200 pin DDR2 SODIMM x 1, Max. 2 GB (DDR2 400/533/667 MHz)
Chipset	Intel® 945GME+ICH7M
I/O Chipset	IT8712F KX + Fintek F81216DG
Ethernet	Intel® 82573L, 10/100/1000Base-TX, RJ-45 x 2
BIOS	Award Plug & Play BIOS – 1 MB 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 2.16 GHz, DDR2 667 2 GB 3.02A@+12V
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 dual view displays
Chipset	Intel® 945GME integrated
Memory	Shared system memory up to 224 MB With DVMT 3.0
Resolutions	Up to 2048 x 1536 for CRT Up to 1920 x 1200 for LCD Up to 1920 x 1200 for DVI
LCD Interface	Up to 24-bit dual-channel LVDS LCD
DVI	DVI-I x 1
I/O	
Storage	EIDE x 1 (UDMA 33 for two devices), SATA 1.5Gb/s x 2, Type 2 CompactFlash™ x 1
Serial Port	RS-232 x 3, TTL UART x 1, RS-232/422/485 x 1
Parallel	SPP/ EPP/ ECP mode
USB	USB2.0 x 8
PS/2 Port	Keyboard x 1, Mouse x 1
Digital I/O	Supports 8-bit (Programmable)
Audio	Mic-in, Line-in, Line-out, CD-in, S/PDIF in/out

## Features

- Intel® Core™ 2 Duo/ Core™ Duo/ Celeron® M (65nm) Processor
- Intel® 945GME + ICH7M
- SODIMM DDR2 400/533/667 Max. 2 GB
- Gigabit Ethernet x 2
- Up to 24-bit Dual-channel LVDS, CRT, DVI
- 2CH Audio
- Type 2 CompactFlash™ x 1, EIDE x 1, SATA 1.5Gb/s x 2
- Parallel x 1, COM x 5, USB2.0 x 8, 8-bit Digital I/O
- PCI-104 Expansion, Optional RAID 0 & 1 (Optional)
- +12V Only Operation



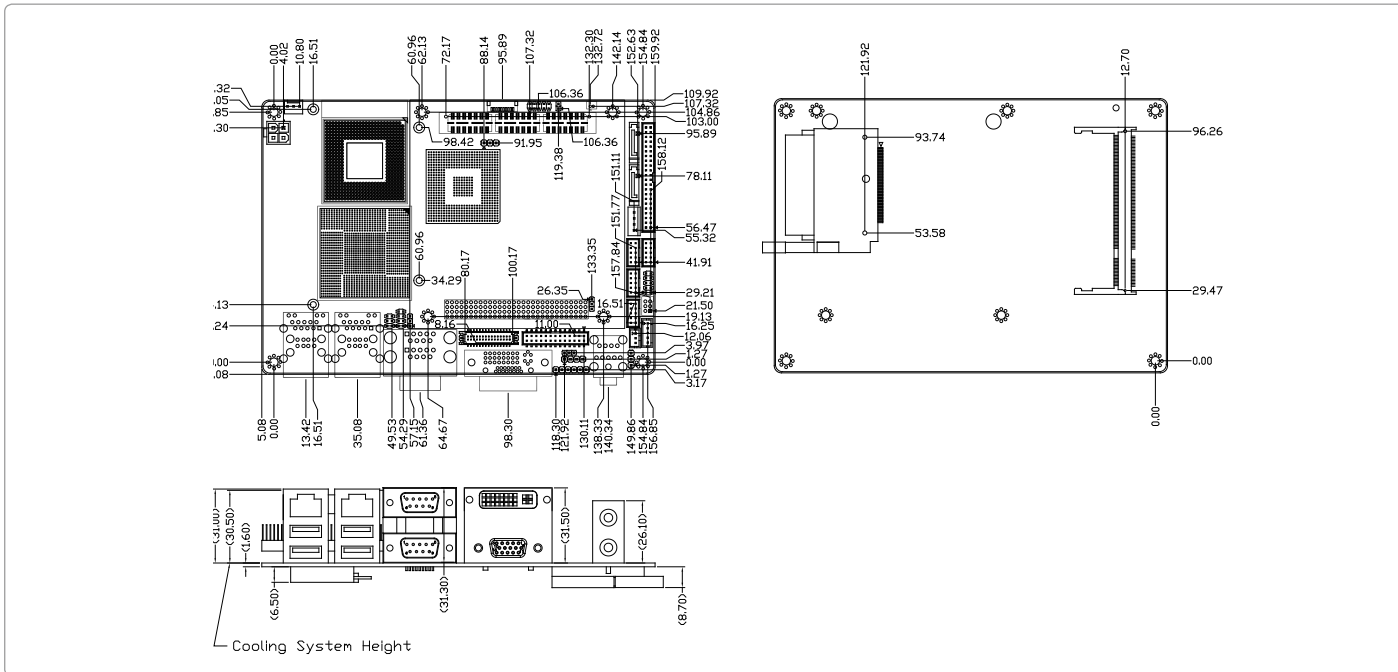
## Packing List

- **9681945600**  
Cable Kit for EPIC-9456
  - 1701440500 IDE Cable, Length 30 + 20cm
  - 1700060152 Keyboard/Mouse Cable, Length 15 cm
- **9657666600**  
Jumper Cap
- Cooler
- Product CD
- EPIC-9456

# EPIC-9456

## Dimension

Unit: mm



## Ordering Information

Part Number	CPU	Fan/Fanless	Display	LVDS	Storage	LAN	USB	RS-232	RS-232/422/485	Expansion Slot	Power	Temp
TF-EPIC-9456-A10	Socket	FAN	CRT + LVDS DVI + LVDS	24b, 2CH	SATA x 2 IDE x 1 CompactFlash™ x 1	GbE x 2	8	3	1	PCI/104-Express x 1	DC12V	0°C ~ 60°C

## Optional Accessories

- **1703030102**  
Audio Cable (Line-in), Length 10cm
- **1709030150**  
S/P DIF Cable, Length 15cm
- **1702040151**  
Big 4P Power Cable, Length 15cm
- **1700060153**  
Audio Cable (Line-out), Length 15cm
- **1702150152**  
SATA Hard Disk Power Cable, Length 15cm
- **1701260200**  
Parallel Cable, Length 20cm
- **1701100206**  
COM Cable, Length 20cm
- **1709100208**  
USB Cable With Bracket, Length 20cm
- **1702040109**  
Power Output Cable