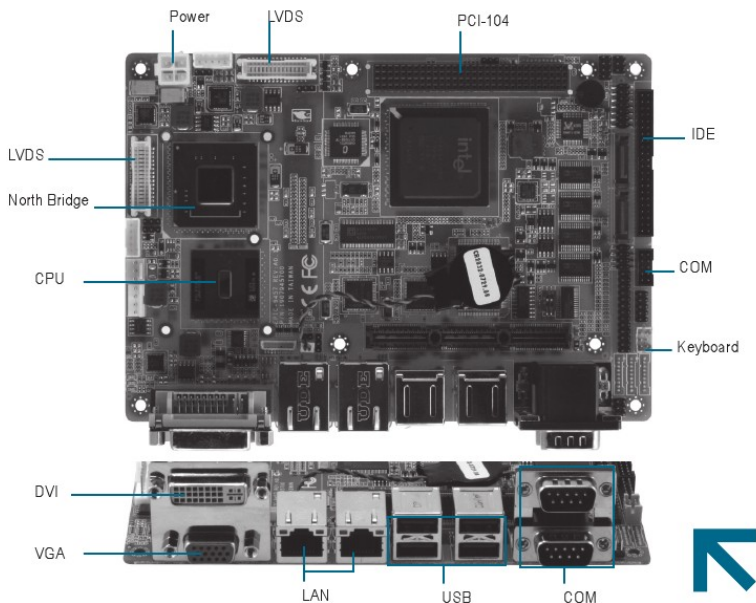


# EPIC-9457

Industrial Computer Source  
(Deutschland) GmbH

EPIC Board with Onboard Intel® Atom™ N270 Processor



## Features

- Intel® Atom™ N270 Processor
- Intel® 945GSE + ICH7M
- DDRII 400/533 Memory, Max. 2GB
- Gigabit Ethernet x 2
- CRT, DVI, 24-bit Dual-channel LVDS LCD, TV
- AC97 2.3 Codec 2CH Audio
- USB2.0 x 6, COM x 4, 8-bit Digital I/O
- EIDE x 1, SATA x 2, CompactFlash™ x 1
- PCI-104 Express Expansion Connectors
- Wide DC Voltage Input: 8.5V ~ 19V
- Touch Screen Controller (Optional)

## Specifications

System	
Form Factor	EPIC Express Board
Processor	Onboard Intel® Atom™ N270 Processor 1.6GHz, FSB: 533/667MHz
System Memory	200-pin DDRII SODIMM x1, Max. 2GB (DDRII 400/533)
Chipset	Intel® 945GSE + ICH7M
I/O Chipset	ITE8781
Ethernet	Intel® 82574L for 10/100/1000Base-TX, RJ-45 x 2
BIOS	Award Plug & Play SPI BIOS - 2MB ROM
Wake On LAN	Yes
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Supports power supply voltages and temperature monitoring
Expansion Interface	PCI/104 Express Expansion (PCI-104 + PCI Express) connectors
Battery	Lithium battery
Power Requirement	+8.5V ~ 19V
Power Consumption (Typical)	—
Board Size	4.5" x 6.5" (115mm x 165mm)
Gross Weight	1.1 lb (0.5KG)
Operation Temperature	32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Operation Humidity	0% ~ 90% relative humidity, non-condensing
MTBF (Hours)	—
Display	Supports CRT/LCD simultaneous/ dual view displays
Chipset	Intel® 945GSE Integrated
Memory	Shared system memory up to 224MB with DVMT3.0
Resolutions	Up to 2048x1536 @ 32bpp colors for CRT, Up to 1600x1200 @ 24bpp colors for LCD
LCD Interface	24-bit dual-channel LVDS
TV-out	Supports NTSC & PAL Standard S-terminal and Composite video
DVI	DVI-I x 1
I/O	
Storage	EIDE x1 (UDMA-100 for two devices), SATA x 2, CompactFlash™ x 1
Serial Port	RS-232 x 3, RS-232/422/485 x 1
Parallel Port	SPP/EPP/ECP Mode
USB	USB2.0 x 6
PS/2 Port	Keyboard+Mouse x 1
Digital I/O	Supports 8-bit (programmable)
Audio	Line-In, Line-out, Mic-In & CD-In
Touch Screen	Optional



## Packing List

- 9681945700  
Cable Kit
  - 1701440500 IDE Cable
  - 1700060152 KB/Mouse Cable
- 9657666600  
Jumper Cap

## Ordering Information

- TBD

## Optional Accessories

- 1702040151  
Power cable, big 4P to ATX-12V, length 15cm
- 1709100208  
USB cable w/o bracket, length 20cm
- 1701100206  
(TF)COM port cable, 9P DB-SUB male, 10P 2.00mm pitch housing, 20cm
- 1703030102  
Audio cable, audio jack, length 10cm
- 1700080180  
TV-out cable, length 18cm
- 1702040109  
Power output cable, length 10cm
- 1701260308  
LPT cable, length 30cm
- PCM-3794-A10  
PCI-104 board plus 2 PCMCIA module
- PCM-3730-A10  
PCI-104 board with triple 10/100Base-TX Ethernet module A1.0
- TF-PCM-FA00-A10  
PCI-104 to Mini PCI module converter