



## FEATURES

- Onboard 1st Intel Core i7/i5/i3 CPU
- 2 x 204 Pin 4GB DDR3 SO-DIMM
- RS-232x 2, RS-232/485x 1, RS-232/422/485x 3
- 10/100/1000Base, RJ 45 x 2
- 2.5" SATA x 1
- mPCIEx1 x 1, PCI x 1 (Optional PCIE x 1), PCI-104 x 1
- USBx 6, SIM x 1 (Optional), 16-bit DIOx 1 (Optional)
- 18-24bit LVDS x 1 (Optional), LPTx 1 (Optional)

## INTRODUCTION

EC8506 powered by Onboard 1st Intel Core i7/i5/i3 CPU with high graphic and computing performance. With its outstanding performance, EC8506 can be utilized within industrial automation, self-service machines like factory automation and ETC. EC8506 support multiple I/O especially contains up to COM x 6 (RS-232 x 2, RS-232/485 x 1, RS-232/422/485 x 3) and USB x 6. Other than that, EC8506 has a DC input from 12V to 24V, a wide operating temperature, a PCI and a PCI-104 expansion, it is therefore designed to meet most application requirements.

## SPECIFICATIONS

SYSTEM CORE	
Processor	Onboard 1st Intel Core i7/i5/i3 CPU
Chipset	Intel BD82HM55
System memory	1x204Pin 4GB DDR3 SO-DIMM
I/O INTERFACE	
Ethernet	10/100/1000Base, RJ45 x 2
USB	USB x 6
Video Port	VGA x 1, HDMI x 1
Serial Port	RS-232x 2, RS-232/485x 1, RS-232/422/485x 3
Audio	LINE OUT x 1, MIC-IN x 1
STORAGE INTERFACE	
SATA HDD	2.5" SATA x 1
mSATA	-
EXPANSION BUS	
Mini PCI-E	mPCIEx1 x 1 (Optional mSATA x 1)
Expand Cable I/O	PCIx 1 (Optional PCIE x 1), PCI-104x 1

POWER SUPPLY	
DC Input	DC_12~24V
MECHANICAL	
Dimension	246 x 209 x 114mm (W x D x H)
Weight	-
Mounting	Desktop Or Wall Mount
ENVIRONMENTAL	
Operating Temperature	-20°C ~ 60°C
Storage Temperature	-40°C ~ 80°C
Humidity	5%~95% @ 40°C, non-condensing
Vibration	Operatng, 5 Grms, 5-500 Hz, 3 Axes
Shock	Operatng, 50 Grms, Half-sine 11 ms Duration
Certification	CE/FCC