

EC8705

On Board 2nd/3rd Generation Intel Core i7/i5/i3
Celeron Processor



FEATURES

- On Board 2nd/3rd Generation Intel Core i7 / i5 / i3 Celeron Processor
- 1 x 204 Pin 4GB DDR3 SO-DIMM
- RS-232x 4,RS-232/485x 1,RS-232/422/485x 5
- 10/100/1000Base, RJ 45 x 2
- 1 x 2.5"SATA , 1 x mPCIEx1 (Optional 1 x mSATA) , 1 x CF(Optional)
- SIM x 1(Optional),16-bit DIO x 1(Optional) ,LPT x 1(Optional)

INTRODUCTION

EC8705 powered by 2nd/3rd Generation Intel Core i7/i5/i3 Celeron Processor with high graphic and computing performance. With its outstanding performance,EC8705 can be utilized within industrial automation, self-service machines like factory automation and ETC. EC8705 support multiple I/O especially contains up to 10 x COM (RS-232x 4,RS-232/485x 1,RS-232/422/485x 5) and 6 x USB. Other than that, EC8705 has a DC input from 12V to 24V, a wide operating temperature and a PCI or PCIe expansion; it is therefore designed to meet most application requirements.

SPECIFICATIONS

| SYSTEM CORE | |
|-------------------|-------------------------------------------------------------------|
| Processor | On Board 2nd/3rd Generation Intel Core i7/i5/i3 Celeron Processor |
| Chipset | Intel BD82HM76 |
| System memory | 1x204Pin 4GB DDR3 SO-DIMM |
| I/O INTERFACE | |
| Ethernet | 10/100/1000Base, RJ 45 x 2 |
| USB | USB x 6 |
| Video Port | VGA x 1,18/24-bit LVDS x 1,HDMI x 1 |
| Serial Port | RS-232x 4,RS-232/485x 1,RS-232/422/485x5 |
| 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) |
| ExpandCable I/O | PCI-104 x 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 |