



EC8101

Onboard 2nd / 3rd Generation Intel Celeron1037U CPU



FEATURES

- Onboard 2nd / 3rd Generation Intel Celeron1037U CPU
- 1 x 204 Pin 4GB DDR3 SO-DIMM
- RS-232 x 2, RS-232 / 485 x 1, RS-232 / 422 / 485 x 3
- 10 / 100 / 1000Base, RJ 45 x 2
- 2.5"SATA x 1, mSATA x 1
- DC_12~24V
- USB x 6, SIM x 1(Optional), 16-bit DIO x 1(Optional)

INTRODUCTION

EC8101 powered by 2nd / 3rd Generation Intel Celeron1037U CPU with high graphic and computing performance. With its outstanding performance, EC8101 can be utilized within industrial automation, self-service machines like factory automation and ETC. EC8101 support multiple I/O especially contains up to 6 x COM (RS-232x 2, RS-232/485x 1, RS-232/422/485x 3) and 6 x USB. Other than that, EC8101 has a DC input from 12V to 24V, a wide operating temperature and a PCI -104 expansion; it is therefore designed to meet most application requirements.

SPECIFICATIONS

SYSTEM CORE	
Processor	On Board 2nd/3rd Generation Intel Celeron1037U CPU
Chipset	Intel BD82NM70
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(Optional), HDMI x 1
Serial Port	RS-232 x 2, RS-232/485 x 1, RS-232/422/485 x 3
Audio	LINE OUT x 1, MIC-IN x 1
STORAGE INTERFACE	
SATA HDD	2.5" SATA x 1
mSATA	mSATA x 1
EXPANSION BUS	
Mini PCI-E	-
ExpandCable I/O	PCI-104 x 1

POWER SUPPLY	
DC Input	DC_12~24V
MECHANICAL	
Dimension	246 x 209 x 63mm (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