

# ERC-1003



## Features

- Intel low power ATOM N270 1.6G CPU
- 14 x serial port, 4 x USB port, 48-channel digital I/O
- Supports VGA+LVDS dual display
- Supports 512KB NVRAM
- Supports 9~36V DC input, and 220V AC adapter
- supports Windows XPE operating system

## SPECIFICATIONS

|                        |  |
|------------------------|--|
| Dimensions:            | 95mm(H) x 260mm(W) x 200mm (D)   |
| Processor:             | Intel low power ATOM N270 1.6G CPU   |
| Memory:                | Onboard DDR2 512MB or 1G, supporting one SO-DIMM slot and a maximum of 2G capacity.    |
| Storage:               | 2 x SATA HDD interface, 1 x CF card socket, 1 x 44pin IDE interface                    |
| Supports:              | 512KB NVRAM  |
| Video port:            | 2 x VGA port, 1 x LVDS port  |
| Keyboard/mouse:        | 1 x PS/2 port  |
| COM port:              | 14 x RS-232; two of them support RS-232/422/485  |
| LPT port:              | 1 x parallel port  |
| USB port:              | 4 x USB2.0 port  |
| LAN port:              | 2 x 10M/100Mbps RJ45 connector   |
| Digital I/O:           | 48-channel digital I/O port (24DI+24DO)  |
| Audio:                 | 1 x Mic-in, 1 x Line-in, 1 x Speaker-out   |
| Expansion port:        | 1 x Mini PCI-E slot  |
| Operating temperature: | -20°C ~ +60°C  |
| Storage temperature:   | -40°C ~ +60°C  |
| Reliability:           | MTBF=50000 h   |
| Operating system:      | Supports DOS, WINCE, LINUX, XPE  |
| Power supply:          | Supports external AC220V-DC12V adapter, and 24V DC input voltage; supports Wake-On-LAN |

## Ordering Information

| Model        | Description   |
|--------------|---|
| ERC-1003-BOM | EVOC Long March series low power fanless embedded box PC with ATOM N2701.6G/512M/6 x COM port/24-channel IO /2 x VGA/1 x LVDS/2 x LAN port/512KB NVRAM  |
| ERC-1003-AGM | EVOC Long March series low power fanless embedded box PC with ATOM N2701.6G/512M/6 x COM port/48-channel IO /1 x VGA/1 x LVDS/2 x LAN port/512KB NVRAM  |
| ERC-1003-TVM | EVOC Long March series low power fanless embedded box PC with ATOM N2701.6G/1.0G/14 x COM port/48-channel IO /1 x VGA/1 x LVDS/2 x LAN port/512KB NVRAM |