



## Features

- RISC Panel PC System with 8" LCD Display
- Fanless design
- TI AM3517 on board
- Resistive touch support
- Power over Ethernet (POE)
- User-defined status LED light bar
- Supports USB OTG (USB On-The-Go)

## Specifications

|                          |  |
|--------------------------|--|
| System Mainboard         | IB100MRS   |
| CPU Type                 | TI AM3517  |
| System Speed             | 600MHz   |
| Memory                   | 256MB DDR2 on board  |
| Construction             | Plastic  |
| Chassis                  | Black  |
| Front Panel External I/O | 1x LED light bar<br>1x SD card slot (right-side)   |
| Rear Panel External I/O  | 1x 10/100 LAN (RJ45) with PoE support<br>1x USB (USB Host, A-Type)<br>1x USB OTG (mini USB B type)<br>1x COM1 RS-232 for (RJ45 connector)<br>1x 12V DC-IN jack with lock |
| Storage                  | 512MB NAND SD card / flash   |
| Power Supply             | +12V DC-in, 40W power adaptor, PoE   |
| Mounting                 | VESA mount, 75mm x 75mm  |
| Dimensions               | 211.6mm(W) x 171.28mm(H) x 33.5mm(D)   |
| LCD Size                 | 8.4" TFT LCD   |
| LCD Color                | 262k colors  |
| Touch                    | Resistive touch  |
| Backlight                | LED  |
| Display Resolution       | 800 x 600  |
| LCD Brightness           | 200 cd/cm2   |
| Dot Pitch                | 0.675 um x 0.675 um  |
| Viewing Angle            | 140°/120°  |
| Backlight MTBF           | 20,000 hrs   |
| Operating Temperature    | 0°C~ 45°C (32°F~113°F)   |
| Storage Temperature      | -20° ~ 80°C (-4°F~176°F)   |
| Relative Humidity        | 5~90% @ 45°C, (non-condensing)   |

## Ordering Information

|         |  |
|---------|--|
| MRS-800 | RISC 8" Panel PC with resistive touch TI AM3517 600MHz CPU, 256MB DDR2 onboard 512MB NAND flash, 40W power adaptor |
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