

# indomôtika



## Intel® Atom™ Processor on board



Intel® Atom™ Processor



N270 with 512KB L2 cache 1.6GHz

**TDP : 2.5W!**

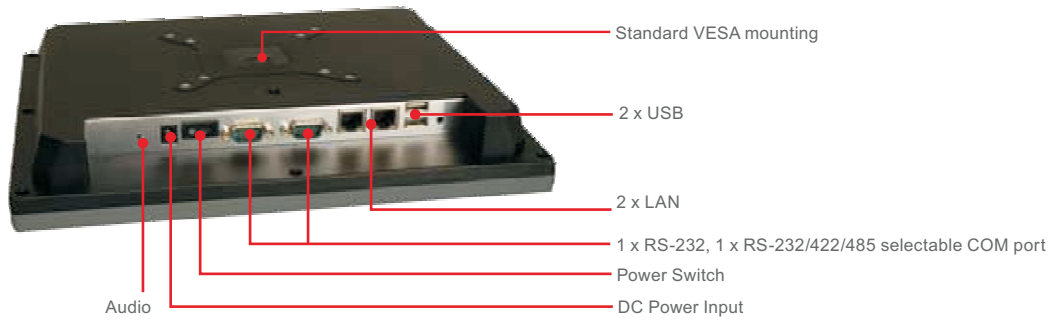
## ► Features

- 7" fanless system with resistive touch screen
- System memory up to 2 GB SDRAM
- Built-in 802.11b/g Wireless LAN
- Built-in Bluetooth module
- Built-in two 1.5 W speakers
- Built-in HSDPA module for mobile connection (Optional)
- One compact flash slot
- IP 64 compliant front panel

## ► Specifications

**450 nits  
High  
Brightness**

|                            |                                                                                                                         |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------|
| LCD Size                   | 7"                                                                                                                      |
| Max Resolution             | 800 * 480                                                                                                               |
| Brightness (cd/m2)         | 350                                                                                                                     |
| Contrast Ratio             | 400:1                                                                                                                   |
| LCD Color                  | 262K                                                                                                                    |
| Pixel Pitch (mm)           | 0.1905(H) x 0.1905(V)                                                                                                   |
| Viewing Angle (H-V)        | 140/110                                                                                                                 |
| Backlight MTBF             | 50000 hrs                                                                                                               |
| SBC Model                  | MB-ATOM-R10                                                                                                             |
| CPU                        | N270 (Atom 1.6G)                                                                                                        |
| Chipset                    | Intel 945GSE / ICH7M                                                                                                    |
| RAM                        | Supports one 2GB (maximum) 400MHz or 533MHz DDR2 SO-DIMM                                                                |
| I/O Ports and Switches     | 1 x RS-232<br>2 x USB 2.0<br>1 x RS-232/422/485<br>1 x Power Switch<br>1 x Reset Button<br>2 x LAN Ports 1 x Audio Jack |
| SSD                        | CF Type II                                                                                                              |
| Watchdog Timer             | Software programmable supports 1~255 sec. System reset                                                                  |
| Audio                      | AMP 1.5W + AMP 1.5W                                                                                                     |
| Expansion                  | 1 x Wireless 802.11 b/g LAN Module , 1 x Bluetooth Module                                                               |
| HDD Drive Bay              | N/A                                                                                                                     |
| Optional HSDPA Module      | No                                                                                                                      |
| Construction Material      | ABS + PC Plastic front frame                                                                                            |
| LED Function               | 1 x Power ON/OFF LED on front panel                                                                                     |
| Mounting                   | Panel, Wall, Rack, Stand or Arm VESA 75mm x 75mm / 100mm x 100mm                                                        |
| Front Panel Color          | Gray 7539U                                                                                                              |
| Dimensions (WxHxD) (mm)    | 226 x 140 x 40.18                                                                                                       |
| Operation Temperature (°C) | -10°C~50°C with CF Card                                                                                                 |
| Storage Temperature (°C)   | -20°C~60°C                                                                                                              |
| Net Weight                 | 0.6 Kg                                                                                                                  |
| IP Level (front panel)     | IP64                                                                                                                    |
| Safety & EMC               | CE/FCC/CB/CCC                                                                                                           |
| Touch Screen               | Resistive Type 4-Wire (touch controller IC is on board)                                                                 |
| Power Adapter              | Power:36W<br>Input: 90VAC~264VAC @ 50/60Hz<br>Output:12VDC                                                              |
| Power Requirement          | 12VDC                                                                                                                   |
| Power Consumption          | 23W                                                                                                                     |



## ► Dimensions (Unit:mm)

