

Panel PC Open Frame, 12.1" LCD monitor, 1024 x 768, LED 450 nits, wide temperature, Intel® Core i3 / i5 / i7 Processors



## Features

- Modularize mechanical design provides flexible product configuration and easy maintenance
- Optional build-in touch screen for interactive application
- Intel® Core i3 / i5 / i7 Processors
- Intel® QM77
- One DDR3 SO-DIMM; DDR3 1333/1600 MHz SDRAM
- 1 x VGA, 1 x COM, 1 x Display Port, 2 x USB, 1 x LAN

|                     |                            |  |
|---------------------|----------------------------|--|
| Panel               | Cell Type / Glass Surface  | TFT LCD / Black Anti-Glare, low reflection coating         |
|                     | Aspect Ratio / Size        | 4 : 3 / 12.1" viewable diagonal area                       |
|                     | Active Area / Pixel Pitch  | 245.8(H) x 184.3(V) mm / 0.24(H) x 0.24(V) mm              |
|                     | Native Resolution / Colors | 1024(H) x 768(V) / 16.2 M                                  |
|                     | Brightness / Contrast      | 450 cd/m <sup>2</sup> (typ) / 700 : 1                      |
|                     | Response Time              | ≤ 25 ms  |
|                     | Viewing Angle (typical)    | H. 160° (- 80° ~ + 80°) , V. 140°(- 70° ~ + 70°)           |
|                     | Light Source               | LED backlight, Long life, 35,000 hrs (typ)                 |
| System              | CPU                        | Intel® Core i3 / i5 / i7 Processors                        |
|                     | BIOS                       | AMI  |
|                     | System / Graphic Chipset   | Intel® Core™ integrated HD Graphics 2500/4000              |
|                     | System Memory              | One DDR3 SO-DIMM; DDR3 1333/1600 MHz SDRAM                 |
|                     | HDD                        | 2 x SATA   |
|                     | I/O port                   | 1 x VGA, 1 x Display port                                  |
|                     |                            | 2 x USB 3.0  |
| 1 x COM (RS232)     |                            |  |
| 1 x LAN             |                            |  |
| Expension           | 1 x Mini PCI-e             |  |
| Power               | Power Input                | 12V DC-IN (Lockable connector)                             |
|                     | Power Consumption          | 58.75 Watt, <1 Watt  |
| Operating Condition | Temperature / Humidity     | -30°C ~ 70°C (-22°F ~ 158°F) , 10% ~ 90% (no condensation) |
| Dimensions          | Physical                   | Please refer to Drawing                                    |
|                     | Carton                     | W x H x D = TBD  |

| Options | Touch            | Video / TV           | Enhanced Panel           | Others                       |
|---------|------------------|----------------------|--------------------------|------------------------------|
|         | Resistive touch  | SV + AV              | Panel with LED backlight | Digital Signage(Stand alone) |
|         | Capacitive touch | SV + AV + AV_Looping | High brightness panel    | Networking Digital Signage   |
|         | SAW touch        | SV + AV + TV         | Wide Temperature         | Motion Sensor                |
|         | Infrared touch   |                      | Sunlight Readable        | Light Sensor                 |
|         | Protected glass  |                      |                          | Auto-Dimming                 |