

# PCH55041-QF35L0-CB0J0E

## Specification

Panel PC Chassis, 55" LCD monitor, 3840 x 2160, LED 350 nits, 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® H81
- DDR3 1600MHz, 2 x SO-DIMM, up to 16GB system memory
- 1 x VGA, 1 x HDMI, 3 x COM, 2 x LAN, 2 x USB 2.0, 2 x USB 3.0

|                           |                            |                                                         |
|---------------------------|----------------------------|---------------------------------------------------------|
| Panel                     | Cell Type / Glass Surface  | TFT LCD / Black Anti-Glare, low reflection coating      |
|                           | Aspect Ratio / Size        | Wide / 55" viewable diagonal area                       |
|                           | Active Area / Pixel Pitch  | 1209.6(H) x 680.4(V) mm / 0.315(H) x 0.315(V) mm        |
|                           | Native Resolution / Colors | 3840(H) x 2160(V) / 1.073B                              |
|                           | Brightness / Contrast      | 350 cd/m <sup>2</sup> (typ) / 4000 : 1                  |
|                           | Response Time              | ≤ 6.5 ms (G-to-G)                                       |
|                           | Viewing Angle (typical)    | H.178° (- 89° ~ + 89°) , V. 178°(- 89° ~ + 89°)         |
|                           | Light Source               | LED backlight, Long life, 35,000 hrs (typ)              |
| System                    | CPU                        | Intel® Core i3 / i5 / i7 Processors                     |
|                           | BIOS                       | UEFI                                                    |
|                           | System / Graphic Chipset   | Intel® HD Graphics (By CPU); Shared Memory              |
|                           | System Memory              | DDR3 1600MHz, 2 x SO-DIMM, up to 16GB system memory     |
|                           | HDD                        | 4 x SATA2                                               |
|                           | I/O port                   | 1 x VGA, 1 x HDMI                                       |
|                           |                            | 2 x USB 2.0, 2 x USB 3.0                                |
| 3 x COM (RS232/422/485)   |                            |                                                         |
| 2 x LAN, Mic-in, Line-out |                            |                                                         |
| Expansion                 | 1 x Mini PCI-e             |                                                         |
| Power                     | Power Input                | ATX PWR (24+4 pin)                                      |
|                           | Power Consumption          | 205 Watt, <1 Watt                                       |
| Operating Condition       | Temperature / Humidity     | 0°C ~ 50°C (32°F ~ 122°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                 |