

7CH2155-WHA0L2-CB0P01

Specification

Panel PC IP67 Chassis, 21.5" LCD monitor, 1920 x 1080, LED 1000 nits, wide view angle, ARM® Cortex™ A53 Octa Core 64-bits



Features

- Modularize mechanical design provides flexible product configuration and easy maintenance
- Optional build-in touch screen for interactive application
- ARM® Cortex™ A53 Octa Core 64-bits
- ARM® Mali400MP4, Complies with OpenGL ES 2.0 / 1.1
- One 2GB DDR3 @960M
- 1 x HDMI, 2 x USB, 1 x 10/100/1000 Gigabit LAN, 1 x COM
- OS: Pre-install Android 5.1, or Linux+QT2.2 or Ubuntu12.04
- IP66 Compliant



| | | |
|---------------------|----------------------------|---|
| Panel | Cell Type / Glass Surface | TFT LCD / Black Anti-Glare, low reflection coating |
| | Aspect Ratio / Size | Wide / 21.5" viewable diagonal area |
| | Active Area / Pixel Pitch | 476.64(H) x 268.11(V) mm / 0.248(H) x 0.248(V) mm |
| | Native Resolution / Colors | 1920(H) x 1080(V) / 16.7M |
| | Brightness / Contrast | 1000 cd/m ² (typ) / 3000 : 1 |
| | Response Time | ≤ 25 ms |
| | Viewing Angle (typical) | H.178° (- 89° ~ + 89°) , V. 178°(- 89° ~ + 89°) |
| | Light Source | LED backlight, Long life, 35,000 hrs (typ) |
| System | CPU | ARM® Cortex™ A53 Octa Core |
| | BIOS | N/A |
| | System / Graphic Chipset | N/A |
| | System Memory | One 2GB DDR3 @960M |
| | HDD | N/A |
| | I/O port | 1 x HDMI 2 x USB 2.0 1 x Audio out 1 x 10/100/1000 Gigabit LAN |
| | Expansion | 1 x Micro SD slot |
| | OS | Pre-install Android 5.1, or Linux+QT2.2 or Ubuntu12.04 |
| Power | Power Input | 12V DC-IN (Lockable connector) |
| | Power Consumption | 34 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 |
| | Infrared touch | SV + AV + TV | Wide Temperature | Motion Sensor |
| | Protected glass | | Sunlight Readable | Light Sensor |
| | | | | Auto-Dimming |