

CH12W5-WEA0L3-CB0P01

Specification

Panel PC Chassis, 12" LCD monitor, 1280 x 800, LED 1000 nits, wide temperature and wide view angle,
ARM® Cortex™ A53 Octa Core



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 Audio out
- OS: Pre-install Android 5.1, or Linux+QT2.2 or Ubuntu12.04



Panel	Cell Type / Glass Surface	TFT LCD / Black Anti-Glare, low reflection coating
	Aspect Ratio / Size	Wide / 12" viewable diagonal area
	Active Area / Pixel Pitch	261.1(H) x 163.2(V) mm / 0.204(H) x 0.204(V) mm
	Native Resolution / Colors	1280(H) x 800(V) / 262 K
	Brightness / Contrast	1000 cd/m ² (typ) / 1000 : 1
	Response Time	≤ 25 ms
	Viewing Angle (typical)	H.176° (- 88° ~ + 88°) , V. 176°(- 88° ~ + 88°)
	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	19 Watt, <1 Watt
Operating Condition	Temperature / Humidity	- 15°C ~ 70°C (5°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