



# IEC-3390

## Android Dual Display Terminal

### ARM-Based Boxed System with Dual Core Cortex-A72+Quad Core Cortex-A53



#### Features

- Ultra Low Power and Fanless Design Chassis System
- High-performance ARMv8, 64-bit processor, Dual Cortex-A72 + Quad Cortex-A53
- Support Onboard 4GB LPDDR4 memory and 64GB eMMC
- Mali-T864 GPU, support 4K H.264/H.265 Video decoding, OpenGL ES1.1/2.0/3.0/3.1, OpenVG1.1, OpenCL, DX11
- Maximum support- 2 x HDMI 2.0a output, 1x 4K and 1 x FHD@ 60Hz
- Richful I/O ports for multiple industry applications, such as Digital Signage, Kiosk, and vending machine.
- Support Android 9.0

#### System

CPU	ARMv8, Dual Cortex-A72 + Quad Cortex-A53, 64-bit
Memory	LPDDR4, 4GB, soldered onboard
Storage	64GB eMMC Flash Soldered onboard
Graphics	Mali-T864 GPU

#### Wireless

WLAN	1 x IEEE 802.11 a/b/g/n/ac
Bluetooth	BLE 5.0

#### I/O

Serial Port	2 x RS232, DB-9 interface
USB Port	1 x USB Type C 4 x USB 2.0 Type A (Front I/O: 2, Rear I/O: 2)
LAN	2 x GbE, RJ-45 Ethernet
Display Port	2 x HDMI 2.0a output, Max support 1x4K+1x FHD @60Hz
Audio	1 x 2V RMS Line-out with 3.5mm Phone Jack
Expansion Bus	1 x micro SDHC/micro SDXC/micro SD (Max. 256GB) card socket
Power	1 x Tact Switch, 2.5mm DC Jack
LED Indicator	2, Green LED: DC-IN; Blue LED: Power-On
Button	1 for Reset Button, 1 for FW download Button

#### Environmental

Operating Temp.	0 ~ 50°C
Storage Temp.	-10 ~ 70°C

#### Qualification

Certification	CE, FCC
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#### Power Requirement

Power Input	DC 12V/2A input
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#### Mechanical

Construction	Aluminum, Iron
Weight	TBD
Dimensions (W x D x H)	163 x 109 x 35 mm (6.42" x 4.29" x 1.38")

#### OS Support

Android 9.0
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#### Ordering Information

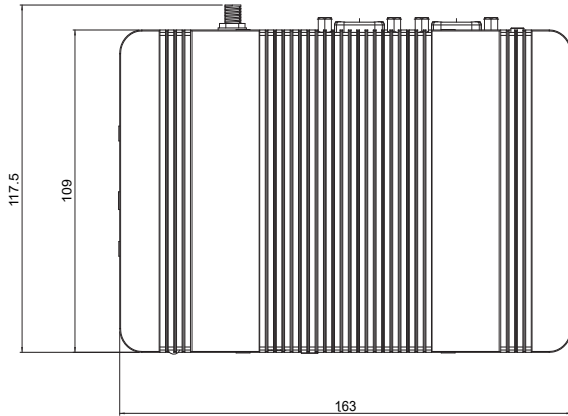
IEC-3390	Android Boxed System, 4GB/64GB, with 1 x 12V/2A DC-IN power Adapter, 1 x WiFi Antenna
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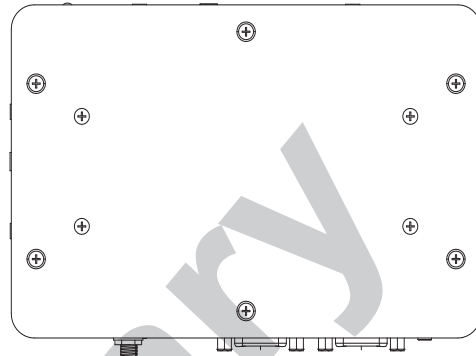


**Dimensions:**

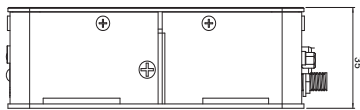
**Top**



**Bottom**



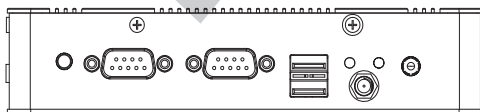
**Height**



**Front I/O**



**Rear I/O**



## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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