# R15RK3S-PTC3, 15-inch Multi-Touch Chassis Series HMI

## Sleek Design, Enhanced User Experience

Ideal for various industrial or enterprise scenarios, the PT series Chassis HMI comes to satisfy those who are in need for a high performance HMI Panel PC in a slim, sleek design. The slim design also comes with a true flat front surface that is easy-to-clean and to avoid dust and water clogging on the edges. Featuring a high performance Arm Cortex A72 + A53 processor, the R15RK3S-PTC3 and onboard PoE to be able to transfer both data and electrical power to reduce installation costs and power consumption, the R15RK3S-PTC3 is a HMI ready for any tasks.







## **Highlights**

- 15" 1024 x 768 with P-CAP touchscreen
- Arm Cortex-A72 + Cortex-A53 Processor
- Fanless cooling system and ultra-low power consumption
- · Front IP65 for protection against water and dust
- A true flat, easy-to-clean front surface with edge-to-edge design



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#### **Display Specification**

Size/Type Resolution 1024 x 768 Brightness 300cd/m2 (typ.) Contrast Ratio 700:1 (typ.) Viewing Angle

-80~80 (H);-80~80 (V)

Max Colors

Projected Capacitive Multi-Touch (P-CAP)

#### System Specification

Arm Dual-core Cortex-A72 up to 2.0GHz + Quad-core Processor

Cortex-A53 up to 1.5GHz

System Memory 2GB LPDDR3

Onboard 16GB eMMC(default) /Micro SD card Storage

Android 7.1 (default) Operating System

#### Interface

1 x RS-232/422/485 Serial Ports

USB Ports 1 x USB 3.0, 1 x USB 2.0, 1 x USB OTG

SD Card Slot 1 x Micro SD Card Slot Ethernet 1 x RJ 45-10/100/1000 Mbps LAN support PoE function

1 x Micro HDMI **HMDI** 

#### Audio

Speaker 2 x 1 Watt Speaker

### **Drawing**

### **Power Management**

Power Input 12V DC

Power Over Ethernet Power Device (PD) follows IEEE 802.3at (25 W),

IEEE 802.3af (15 W)

Power Consumption 13 W typical, normal operation

#### **Mechanical and Environment**

Mounting Dimensions (W x H x D) 352.5 x 276.7 x 45.45 (mm) Appearance

VESA Mount (100x100mm, 75x75mm)

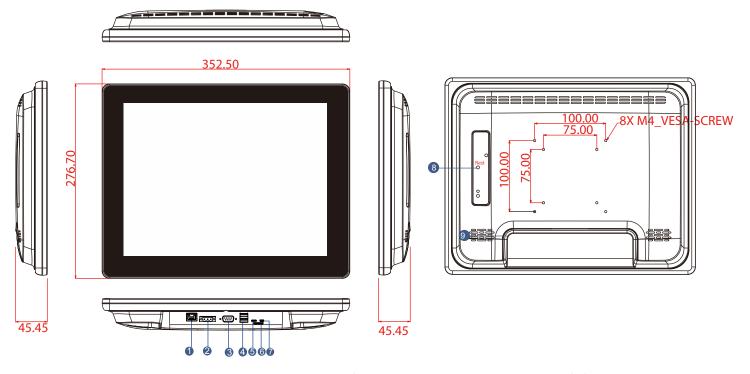
Back cover color RAL 7016

Plastic Housing

#### Environment

0 °C to 40 °C Operating Temperature

10% to 95% (non condensing) Operating Humidity IP Rating



- 1. Giga LAN / PoE
- 2. Terminal Block 12V DC In
- 3. RS232/422/485
- 4. 1 x USB 3.0, 1 x USB 2.0
- 5. USB OTG

- 6. Micro SD Card Slot
- 7. Micro HDMI
- 8. Power & Reset button
- 9. 1 Watt Speaker

