

R15IM3S-EHC3

15" ARM A53 E Series HMI Panel PC



KEY FEATURES

- 15" 1024 x 768 Resolution with Projected Capacitive Multi-Touch (P-CAP)
- ARM A53 Quad Core 2.0GHz CPU
- Fanless cooling system and ultra-low power consumption
- Front IP65 Water and Dust Proof
- Android 11
- Support Android or Linux operating system



SPECIFICATIONS

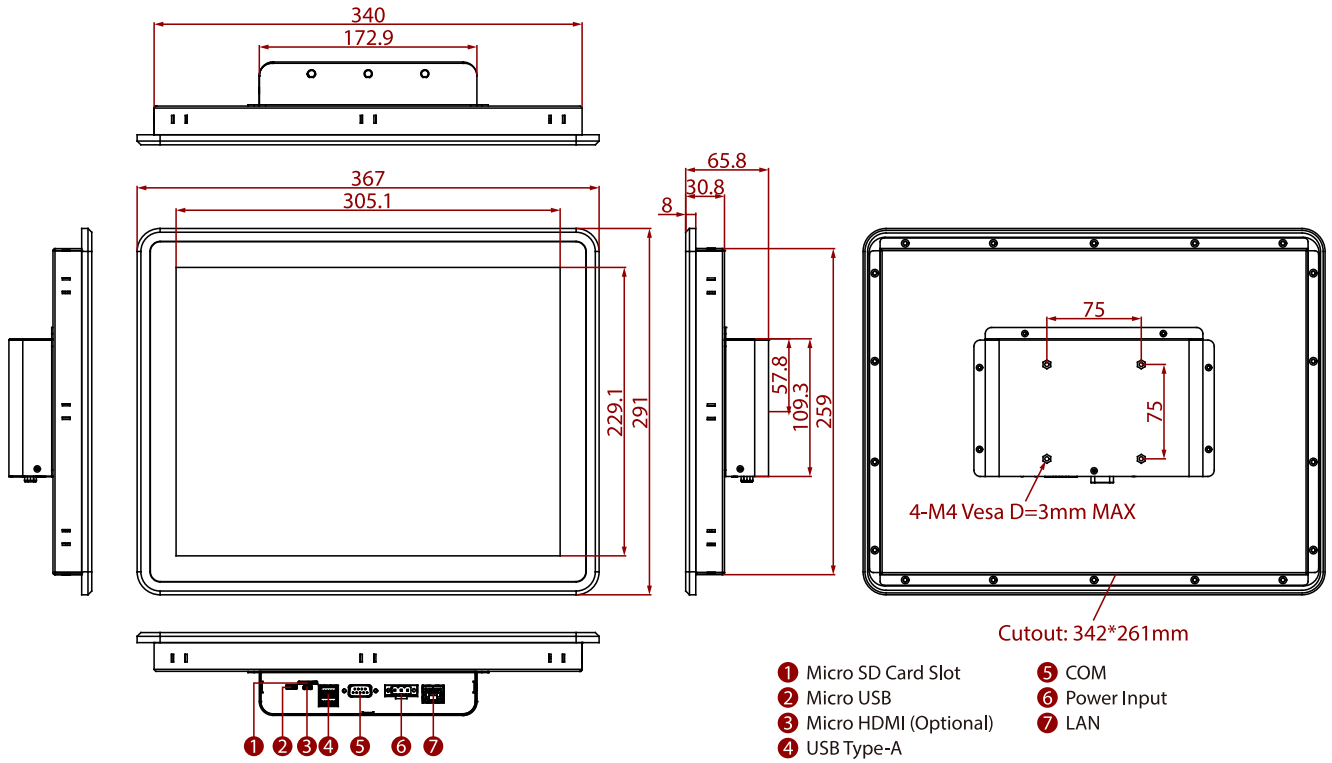
Display			
Resolution	1024x768	Size	15 inches
Contrast Ratio	2000:1	Panel Brightness	300
View Angles	88,88,88,88	Active Area	304.1x228.1 mm
Touch / Glass	Projected Capacitive Multi Touch Screen		
System Specification			
WLAN	Support (Optional)	BT	Support (Optional)
Processor	ARM A53 Quad Core 2.0GHz	Memory	4GB LPDDR4
Storage	32GB eMMC	Operating System	Android 11 (Upgradeable to Android 13) Linux Yocto 5.10.104 with QT 5.15 (Optional) Linux Ubuntu (in 2023) (Optional)
Mechanical			
Dimension	367 x 291 x 65.8 mm	Mounting	Panel Mount VESA Mount
Enclosure	Metal Housing	Cooling System	Fanless design
Cut out	342x261 mm		
Environment			
Operating Humidity	10% to 90% (noncondensing)	Operating Temperature	0~50°C
Storage Temperature	-20~60°C	Shock	MIL-STD-810G Method 516.6
Vibration	MIL-STD-810G Method 514.6	IP rating	Front IP65
Certification			
Certification	CE, FCC		
IO Ports			
USB Port	2 x USB 2.0 Type A 1 x Micro USB 2.0 OTG	Serial Port	1 x RS232/422/485 (Default RS232)
SD Card Slot	1 x Micro SD card slot (Max to 32GB)	Video	1 x Micro HDMI Output (Optional)
LAN	1 x LAN 10/100/1000 Mbps		
Accessory			
Accessory	100~240V AC to DC Adapter Power Cord		

VESA screws
Manual
Mounting clips

Power

Power Rating	12V DC with Terminal Block	Adapter	12V 50W
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DIMENSIONS UNIT:MM



NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.
3. All specifications are subject to change without prior notice.