

MRS-801-RE

8" RISC-Based
Power-Over-Ethernet Panel PC

MRS Series 



I/O View



MRS-801-RE

Features

- High-Performance ARM-based processor
- 8" SVGA TFT LCD with resistive touch screen
- User-defined status LED light bar
- Supports USB OTG (USB On-The-Go)
- Compact fanless design with plastic housing
- Supports Android 4.0X
- Programmable LED light bar



- Android support



- 12V DC or PoE power input



- SD card slot with safety cover



MRS-801-RE

Specifications

Model No.	MRS-801-RE	
Display & Touch Screen	Display Size	8" TFT LCD
	Max. Resolution	800 x 600
	Luminance (cd/m ²)	250
	Contrast	500:1
	Max. Color	262K
	View Angle (H°/V°)	140/120
	Backlight Lifetime(hrs)	30000
	Touch Type	Resistive
	Touch Interface	USB
	Light Transmission (%)	80
	Point of touch	1
I/O Interface	USB 3.0	0
	USB 2.0	1x USB (USB Host, A-Type) 1x USB OTG (mini AB type)
	RS-232/422/485 Selectable in BIOS	1 (via RJ-45 connector)
	RS-232	0
	LAN	1x GbE w/ PoE
	Additional Graphics	None
	Audio	None
	Digital I/O	None
	Power Connector	Power jack
	Power Button	Reset button
Mechanical	Dimensions (mm)	211.6 x 171.2 x 33.5
	Net Weight (kgs)	1.1
System	Processor	Freescall i.MX6 Cortex A9 Solo (Single-Core @ 1GHz)
	Memory	1GB DDR3
	Thermal Design	Fanless
	Membrane Control	None
	Built-in Speaker/MIC	None
Expansion	Internal Expansion Bus	1x Mini PCI-E slot (full-size/half-size)
	Expansion Slot	None
	Wireless	Optional Wi-Fi/BT
Storage Space	HDD	1x 4GB eMMC on board
	Removable	1x SD card slot
Power	Power Input Range	12V DC / PoE+
Construction	Chassis Material	Plastic
	Color (Front/Back)	Black / Black
	IP Rating	IP65 front bezel
	Mounting	VESA 75x75 mm
Environmental	Operating Temperature	0°C ~ 50°C
	Storage Temperature	-20°C ~ 60°C
	Storage Humidity	10%~90% (non-condensing)
	Certification	CE / FCC Class B
	Supported Operating Systems	Android 4.3

Vertical Applications
Panel PC

INOSP: Stainless Steel
Panel PC

ASTUT: All-in-one Panel PC
with Riser Card Expansion

BYTEM: Compact Panel PC

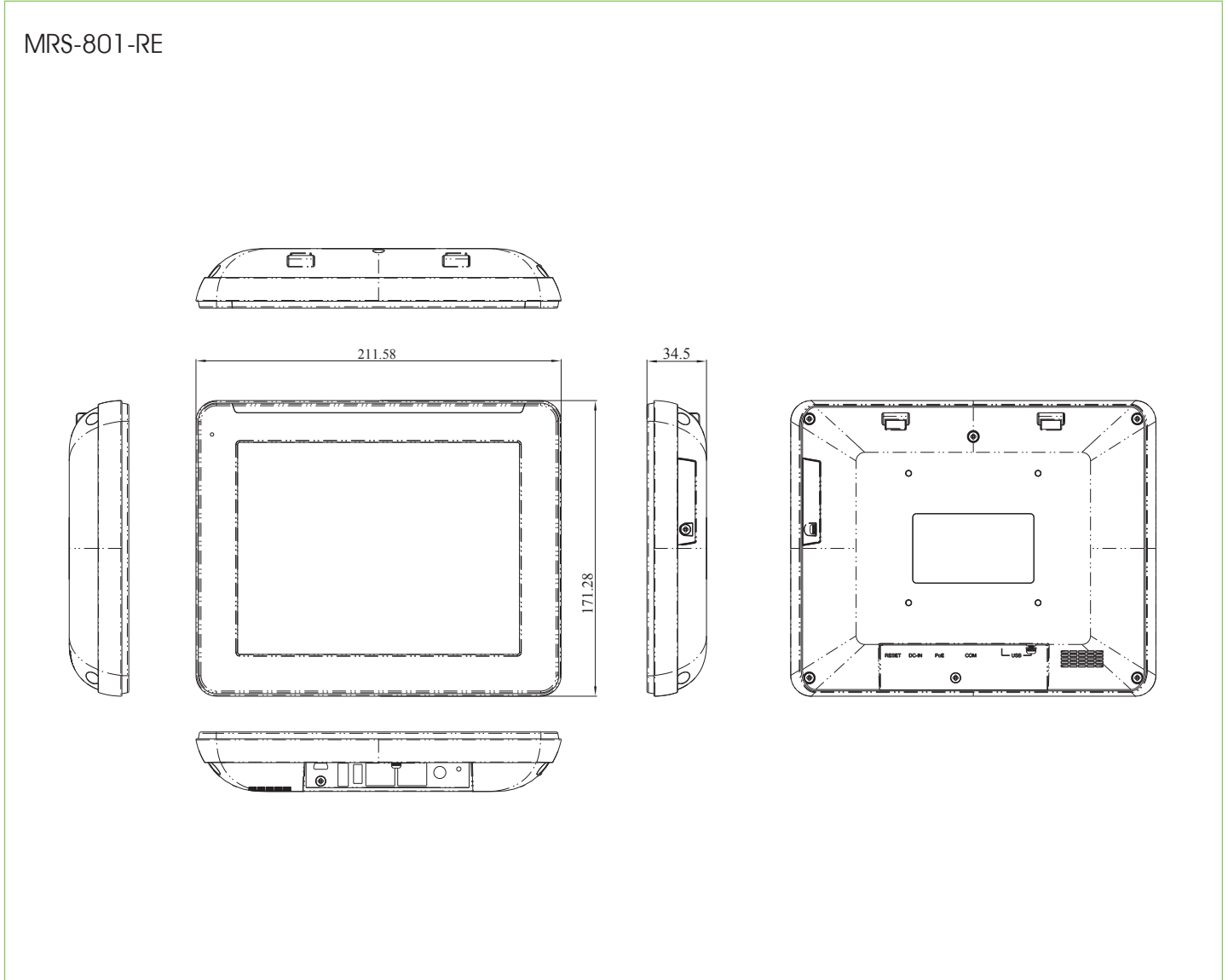
IPPC: Heavy-duty
Industrial Panel PC

OPF FRAME PC

BYARM/MRS:
ARM-Based Panel PC

MRS-801-RE

Dimensions



Ordering Information

MRS-801-RE	RISC 8" (800 x 600) Panel PC with resistive touch, with IB102, i.MX6 Cortex A9 CPU, 1GB DDR3 on board, supports Android, w/ 60W power adaptor
------------	---