



### Feature

- 7" 1024 × 600 Wide Viewing Angle LCD
- Resistive touch panel
- COM port × 3, Ethernet port × 2, microSD card slot × 1, USB host port × 2
- Built-in 4GB Flash and 1GB RAM
- Fan-less cooling system
- Compatible with M02 WiFi Expansion Module that supports wireless communication

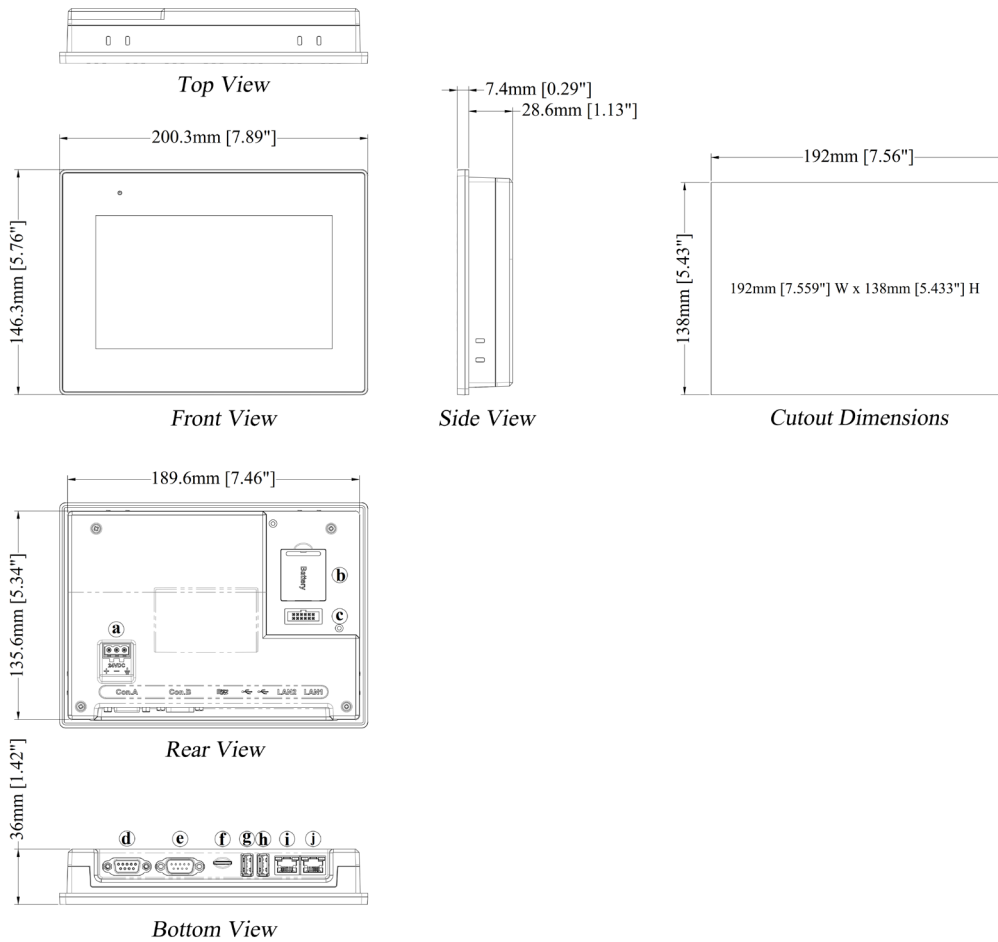
<b>Display</b>	Display	7" Wide Viewing Angle (WVA)
	Resolution	1024 x 600
	Brightness (cd/m <sup>2</sup> )	550
	Contrast Ratio	800:1
	Backlight Type	LED
	Backlight Life Time	>30,000 hrs.
	Colors	16.7M
	LCD Viewing Angle (T/B/R/L)	85/85/85/85
<b>Touch Panel</b>	Pixel Pitch (mm)	0.1506 (H) x 0.1432 (V)
	Type	4-wire Resistive Type
<b>Memory</b>	Accuracy	Active Area Length(X)±2%, Width(Y)±2%
	FLASH	4 GB
<b>Processor</b>	RAM	1 GB
		Quad-core RISC
<b>I/O Port</b>	SD Card Slot	microSD x 1
	USB Host	USB 2.0 x 2
	USB Client	N/A
	Ethernet	LAN 1: 10/100 Base-T x 1 LAN 2: 10/100 Base-T x 1
	WiFi	M02 WiFi Expansion Module (Optional)
	COM Port	Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W Con.B: COM1 RS-232 4W, COM3 RS-232 2W*
	RS-485 Dual Isolation	N/A
	CAN Bus	N/A
	HDMI	N/A
	Audio Output	N/A
<b>RTC</b>		Built-in
<b>Power</b>	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Consumption	700mA@24VDC
	Voltage Resistance	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ at 500VDC
<b>Specification</b>	PCB Coating	Yes
	Enclosure	Plastic
	Dimensions WxHxD	200.3 x 146.3 x 36 mm
	Panel Cutout	192 x 138 mm
	Weight	Approx. 0.6 kg
	Mount	Panel mount
<b>Environment</b>	Protection Structure	UL Type 4X (indoor use only) / NEMA4 / IP66 Compliant Front Panel
	Storage Temperature	-20° ~ 60°C (-4° ~ 140°F)
	Operating Temperature	0° ~ 55°C (32° ~ 131°F)
	Relative Humidity	10% ~ 90% (non-condensing)
	Altitude	3,000 m
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
<b>Certificate</b>	CE	CE marked
	UL	cULus Listed
<b>Software</b>	EasyBuilder Pro	V6.10.01 or later versions
	Weincloud	EasyAccess 2.0 (Optional), Dashboard (Optional)
	CODESYS®	Optional*

\* Only Tx & Rx (no RTS/CTS) may be used for COM1 RS-232 when COM3 RS-232 is also used.

\* Minimum software requirement for CODESYS power-loss data persistence: CODESYS Runtime 20251124.874 or later.

\* CODESYS® is a trademark of CODESYS GmbH.

## Dimensions



<b>a</b>	Power Connector	<b>f</b>	microSD Card Slot
<b>b</b>	Battery	<b>g</b>	USB Host Port
<b>c</b>	Expansion Module Connector	<b>h</b>	USB Host Port
<b>d</b>	Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W	<b>i</b>	LAN 2
<b>e</b>	Con.B: COM1 RS-232 4W, COM3 RS-232 2W	<b>j</b>	LAN 1

## Ordering Information

- cMT3072XH3:**  
7" WVA LCD HMI, 4GB FLASH, 1GB RAM
- RP0060700 (included in package)**  
7" Screen Protective Film

### Optional:

- M02:** WiFi Expansion Module
- RZACEA020:** EasyAccess 2.0 Activation Card
- RZ0CDS000:** CODESYS License

### Pin Assignment:

**Con.B: COM1 / COM3 [RS232] 9 Pin, Male, D-sub**

PIN#	COM1 [RS232]4W	COM3 [RS232]2W
1		
2	RxD	
3	TxD	
4		
5	GND	
6		
7	RTS	TxD
8	CTS	RxD
9	GND	

**Con.A: COM2 / COM3 [RS485] 9 Pin, Female, D-sub**

PIN#	COM2 [RS485]2W	COM2 [RS485]4W	COM3 [RS485]2W
1	Data-	Rx-	
2	Data+	Rx+	
3		Tx-	
4		Tx+	
5	GND		
6			Data-
7			
8			
9			Data+