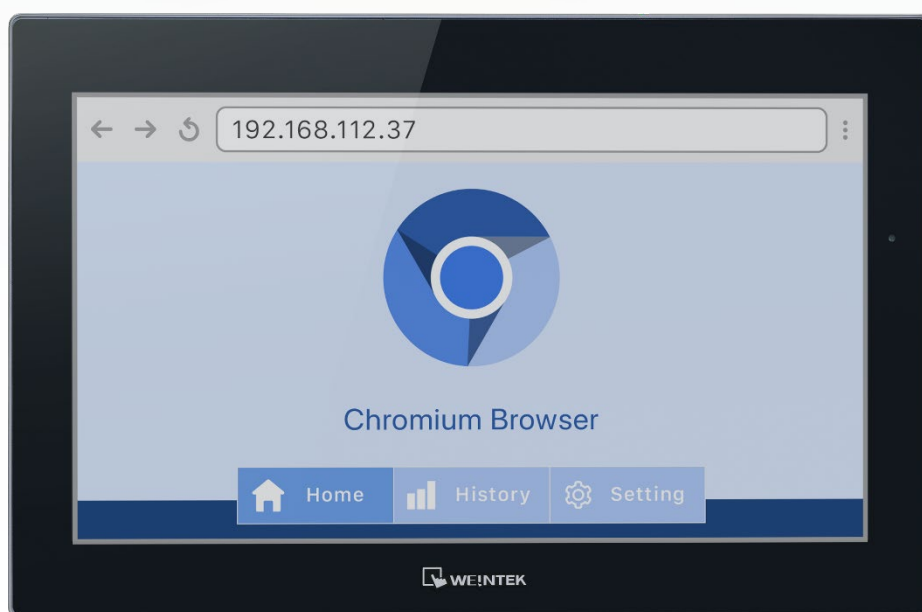


cMT3162X (W)

15.6" HTML5 Web Panel



NEMA4

Key Features

- ▶ The oTP integrated touch solution offers an edge-to-edge design, high-resolution and high-transmittance
- ▶ Powerful and versatile Chromium browser
- ▶ Supports vibration alerting and feedback
- ▶ 15.6" 1920 × 1080 LCD
- ▶ Ethernet port × 2, USB host port × 1
- ▶ Tempered glass capacitive touch panel
- ▶ Built-in 4 GB FLASH and 1 GB RAM
- ▶ Fan-less cooling system

Technical Specifications

Display

Display	15.6" Wide Viewing Angle (WVA)
Resolution	1920 × 1080
Brightness (cd/m ²)	300
Contrast Ratio	800:1
Backlight Life Time	> 30,000 hrs.
Colors	16.2 M
LCD Viewing Angle (T/B/L/R)	89/89/89/89
Pixel Pitch (mm)	0.17925 (H) × 0.17925 (V)

Touch Panel

Type	Tempered Glass, Capacitive Type
Hardness Scale	7H

Memory

FLASH	4 GB
RAM	1 GB

Processor

CPU	Quad-core RISC
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I/O Port

Memory Card Type	N/A
USB Host	USB 2.0 × 1
Ethernet	LAN 1: 10/100/1000 Base-T × 1 LAN 2: 10/100 Base-T × 1
COM Port	N/A
WiFi	N/A
RS-485 Dual Isolation	N/A
CAN Bus	N/A
Audio Output	Built-in Mono Speaker

Power

Input Power	24 ± 20 % VDC
Power Isolation	Built-in
Power Consumption	1.3 A @ 24 VDC
Voltage Resistance	500 VAC (1 min.)
Isolation Resistance	Exceed 50 MΩ at 500 VDC

Mechanical

Enclosure	Front Bezel: Plastic, Rear Enclosure: Aluminum
Dimensions W×H×D	400 × 263 × 27.6 mm
Panel Cutout	384 × 247 mm
Weight	Approx. 1.6 kg
Mount	Panel Mount, VESA Mount 100 × 100 mm

Environment

PCB Coating	Yes
Protection Structure	NEMA4 / IP66 Compliant Front Panel
Storage Temperature	-20° ~ 60°C (-4° ~ 140°F)
Operating Temperature	0° ~ 50°C (32° ~ 122°F)
Relative Humidity	10 % ~ 90 % (non-condensing)
Altitude	3,000 m
Vibration Endurance	10 to 25 Hz (X, Y, Z direction 2G 30 minutes)

Product Carbon Footprint (kg CO₂e)

Manufacturing Stage (A1-A3)	63
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Certificate

CE	CE Marked
UL	cULus Listed

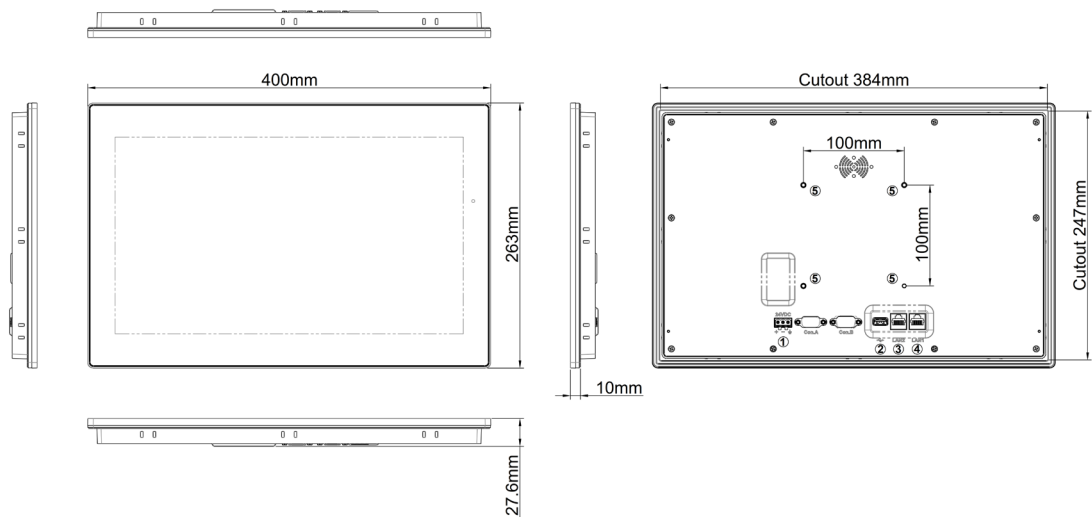
Software

Browser	Chromium 132 (Upgradable)*
Weincloud	EasyAccess 2.0 (Optional)

* The built-in browser does not support websites requiring Java Applets or the Java SDK.

* For best compatibility, use websites developed with standard HTML5.

Dimensions



1	Power Connector	4	LAN 1
2	USB Host	5	VESA 100 mm Screw Holes
3	LAN 2		

Part Number

☐ **【cMT3162X (W)】**

15.6" 1920 × 1080 WVA LCD HMI, Built-in 4 GB FLASH / 1 GB RAM

Optional:

☐ **RZACEA020:** EasyAccess 2.0 Activation Card