

.XOM-25121D1

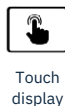
12.1" Open Frame Monitor

Overview

The Intronix Systems Open Frame Monitor series features a modular design that allows for versatile installation using both back and VESA methods. With its borderless design and lightweight construction, this series can seamlessly integrate into any embedded application. Additionally, the open architecture supports a size range of 8 to 15.6 inches and offers multiple touch screen options, including resistive and capacitive technologies.

Features

- HDMI/DP, VGA, DVI three signal interfaces
- Multiple installation methods including rear installation and VESA installation
- Solution for resistive/capacitive touch screen
- DC-IN 12 to 24V



I/O Interfaces



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Specifications

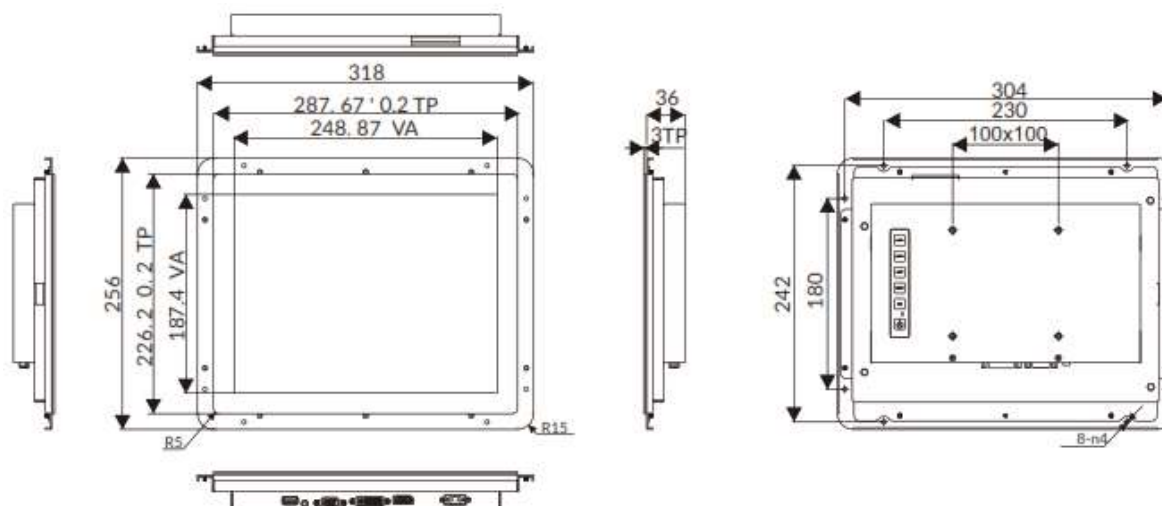
DISPLAY	
Size	12.1-inch
Touch type	Projected capacitive multitouch 5-wire resistive touch (optional)
Transmittance	87% (Capacitive) 80% (Resistive)
Control interface	USB
Surface hardness	≥7H ≥3H
Resolution	1024 x 768
Luminance	450 nits
Contrast ratio	1000: 1
View angles	80 (left), 80 (right), 80 (up), 80 (down)
LED Lifetime	50 000 hrs
Color	16.7M
I/O PORTS	
USB	1x USB 2.0
Display	1x HDMI 1x VGA 1x DVI
POWER	
Button	Yes
DC Input	12 to 24 VDC
Power Connector	2-pin Phoenix terminal
Power Consumption	10W
Power Adaptor	AC-DC, 12V, 5A, 60W
ENVIRONMENT	
Operating temperature	-10°C to 50°C (14°F to 122°F)
Storage temperature	-20°C to 60°C (-4°F to 140°F)
Relative humidity	10% to 95% @ 40°C (104°F), non-condensing
Vibration	5 to 500Hz, 0.026 G ² /Hz, 2.16 Grms, X, Y, Z, 1 hour per axis
IP Rating	IP65 compliant (For Front Panel)
MECHANICAL	
Dimensions (W x D x H mm)	311.6 x 240 x 34.5 mm (12.2 x 9.4 x 1.4 inches) 318 x 256 x 36 mm (12.5 x 10.1 x 1.42 inches)(Including touch solution)
Weight (kg)	2.2 kg (4.8 lbs) 2.45 kg (5.4 lbs) (Including touch solution)
Mounting	Wall mount bracket VESA 75
Material	Aluminum alloy panel All-metal chassis
CERTIFICATION	
EMC	CE FCC
PACKING LIST	
Packing	1x XOM-25121D1 1x Warranty card

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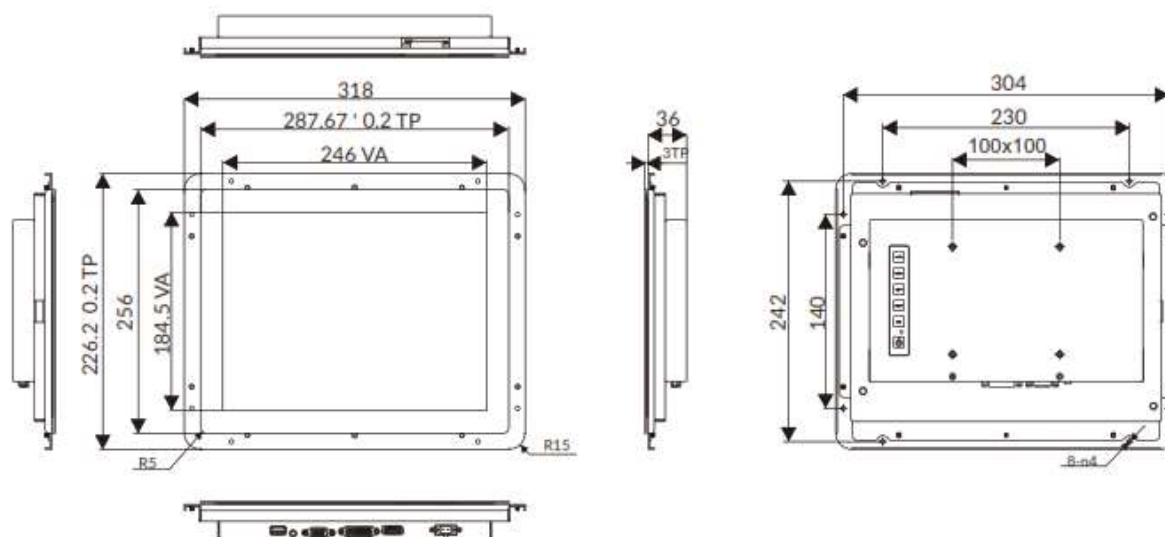
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Dimensions

(RESISTIVE TOUCH)



(CAPACITIVE TOUCH)



Ordering Information

Ref.	Description
XOM-25121D1R	12.1" LCD Industrial Monitor with resistive touch, DC12-24V input, Phoenix 2P TB
XOM-25121D1C	12.1" LCD Industrial Monitor with P-CAP touch, DC12-24V input, Phoenix 2P TB