DYNICS

THINMANAGER®
A ROCKWELL AUTOMATION TECHNOLOGY

ThinManager® Xi-Series

Xi-Series | Industrial Computer (ThinManager®)

DYNICS ThinManager® Xi-Series features core embedded processors in a compact form factor that is ThinManager® enabled, making these five minicomputers powerful and effective for various production applications. Their fan-less design with no moving parts makes these computers suitable solutions in industrial environments. The XiR2-TM offers multi-monitor capabilities with up to four 4K HDMI connections.

- NEMA 4 / IP65 Rated for XiS Only
- Din Rail and Bracket Mounting Options (N/A for XiS)
- 24VDC Power Entry
- Aluminum Heatsink
- ThinManager® Ready

PC SPECIFICATIONS

Model:	XiAD-TM-001	XiAN-TM-001	XiA2-TM-001	XiR2-TM-001	XIS-TM-001
TYPE	Desktop IP20	IP50 Sealed			IP65 Sealed
I/O PORTS					
1Gb Ethernet Ports	2x	2x	2x	2x	2x (X-Code)
USB 3.0 Ports	2x	2x	2x	2x	2x
USB 2.0 Ports	-	-	4x	4x	1x
RS232/422/485 Ports	-	-	1x	2x	-
RS232 Ports	-	-	1x	-	-
Analog VGA Video Ports	1x	1x	1x	-	-
HDMI Ports	1x	1x	1x	4x	-
DVI Ports	-	-	-	-	4x
Audio Jack (Line Out)	1x	1x	1x	-	-
CPU	Apollo Lake Celeron® N3350			AMD® RYZEN™ V1605B	
CPU Speed	Up to 2.4GHz Turbo 2MB Cache, 2 Cores, 2 Threads			Up to 3.6 GHz Turbo 4MB Cache, 4 Cores, 8 Threads	
Memory	4GB DDR3			8GB DDR4	
ThinManager® ID	BTMA (shown in ThinManager® S/W)			XIR (shown in ThinManager® S/W)	
ThinManager® Server System Requirements	Minimum requirements ThinManager® 11.0 or newer, TermCap 9.12.1.43 or newer, and firmware package 11.0.0 or newer; Recommended ThinManager® V12.0, no updates required. **Termcap.db.9.12.1.43** termcap file | **Termpack-11.0.0.pkg** firmware package Note: 4K resolution supported on all models, except XiS				
Power Supply	24VDC Power Entry (3-Pin Quick Disconnect Included, Barrell Jack Input on XiAD, 4-PIN circular on XiS) **XiAD-TM ships with 100-240 VAC Desktop Brick**, Contact Dynics for External Power Supply Options for all other models.				
Temperature	Operating: 0° - 50°C (32° - 122°F) | Non-Operating: -25° - 60°C (-13° - 140°F)				
Relative Humidity	Non-Condensing: 20% - 80%				
Compliance	- USA: UL Listed, UL61010-1+UL 61010-2-201, FCC 47CFR Part 15 Class A (Excludes XiS-TM-001) - Canada: cUL Listed, CSA C22.2 No. 61010-1-12+CSA C22.2 NO. 61010-2-201, ICES-001, Class A (Excludes XiS-TM-001) - EU: RoHS Directive 2011/65/EU, EN 50581, EMC Directive 2014/30/EU, EN 61326-1, Low Voltage Directive 2014/35/EU, EN 61010-1+EN 61010-2-201				

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OPTIONAL ACCESSORIES

PWR-24V-BRK-40W-3PIN   40 Watt AC to DC Desktop Brick Power Supply, 6 Ft US AC Power Cable, 3-PIN DC Cable, **Recommended for XiAN, and XiA2 only**

PWR-24V-BRK-65W-3PIN   65 Watt AC to DC Desktop Brick Power Supply, 6 Ft US AC Power Cable, 3-PIN DC Cable, **Recommended for XiR, Will work with XiAN, and XiA2**

PWR-24V-2.5ADC-ECO-RAIL   ECO-RAIL-2 Industrial DIN Rail Mount 60 W Power Supply, 90-264 VAC Input, 24VDC, 2.5ADC Output, , **Recommended for XiAN, and XiA2 only**

PWR-24V-5ADC-ECO-RAIL   ECO-RAIL-2 Industrial DIN Rail Mount 120 W Power Supply, 90-130 or 173-264 VAC Input, 24VDC, 5.0ADC Output, **Recommended for XiR, Will work with XiAN, and XiA2**

DIMENSIONS, WEIGHT AND POWER CONSUMPTION

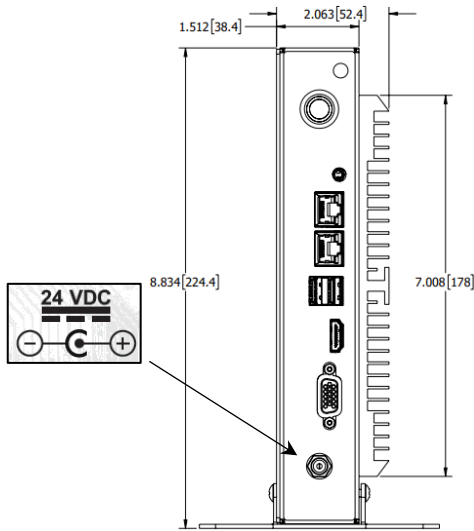|	HEIGHT	WIDTH	DEPTH	WEIGHT*	POWER CONSUMPTION**
XiAD-TM	8.86" (224.9mm)	2.05" (52.1mm) **Desktop Stand:** 4.4" (111.9mm)	5.1" (129.5mm) **Desktop Stand:** 6.5" (165.1mm)	2.7 lbs. (1.2kg)	15 Watts
XiAN-TM	7.1" (180.3mm)	1.93" (48.9mm)	5.1" (129.5mm)	2.5 lbs. (1.1kg)	15 Watts
XiA2-TM	7.1" (180.3mm)	3.15" (80.0mm)	5.1" (129.5mm)	3 lbs. (1.4kg)	16 Watts
XiR2-TM	7.1" (180.3mm)	3.15" (80.0mm)	5.1" (129.5mm)	3 lbs. (1.4kg)	65 Watts
XiS-TM	4.0 (101.6mm)	9.1 (231.2mm)	9.0 (228.6mm)	9.0 (4.1kg)	65 Watts

*Weights are approximate, contact DYNICS for details.
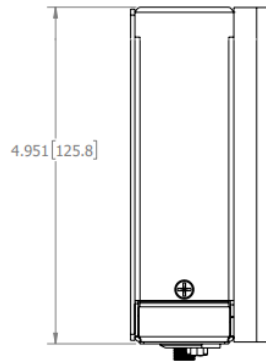**Power Consumption based on maximum ratings, actual ratings vary significantly based on components used.
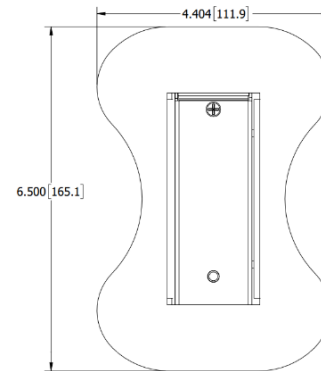
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MECHANICAL DRAWINGS

XiAD-TM FRONT VIEW
Power Entry

1.512[38.4]
2.063[52.4]
8.834[224.4]
7.008[178]

24 VDC

XiAD-TM TOP VIEW

4.951[125.8]

XiAD-TM BOTTOM VIEW
(Desktop Stand)

4.404[111.9]
6.500[165.1]

XiAD-TM SIDE VIEW
(w/ Panel Mount Brackets)

3.500[88.9]
9.500[241.3]
10.210[259.3]
2.000[50.8]
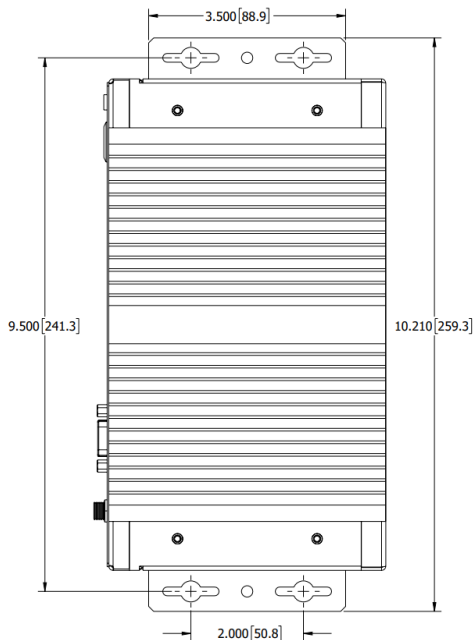
XiAD-TM SIDE VIEW
(w/ DIN Rail Mounts)
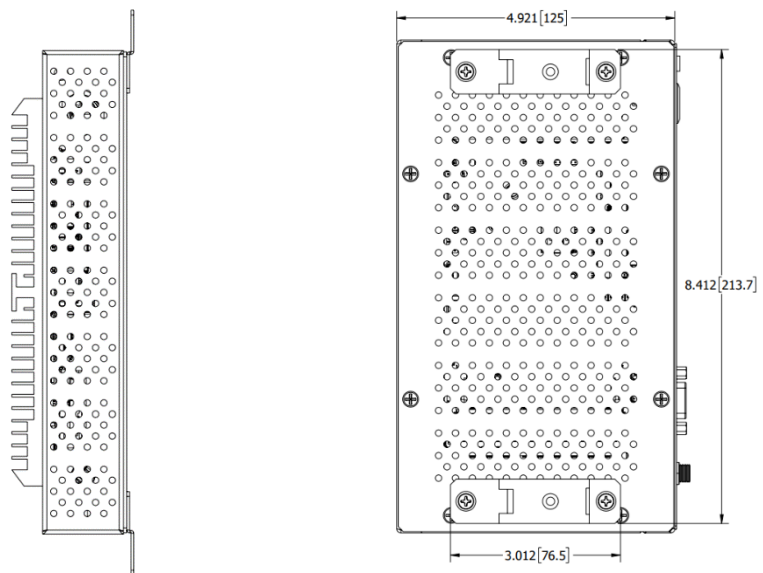
4.921[125]
8.412[213.7]
3.012[76.5]

All measurements are in inches and pounds, unless noted. Pictures and drawings are not to scale. Estimated weight may change depending on options.
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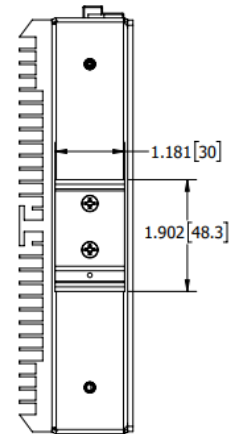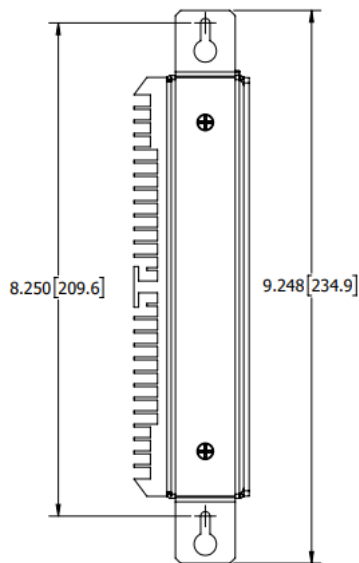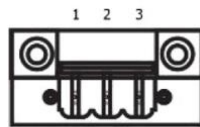
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XiAN-TM FRONT VIEW

1.375[34.9] 0.551[14]
7.073[179.7]
1.285[32.6]
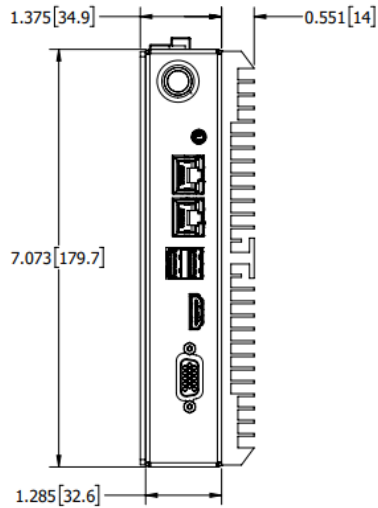
XiAN-TM TOP VIEW
Power Entry

1 2 3

PIN 1: V+
PIN 2: ⏚ (Chassis GND)
PIN 3: V-
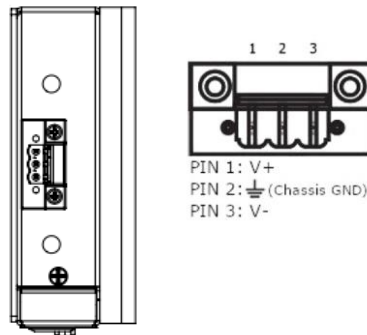
XiAN-TM BACK VIEW
(w/ DIN Rail Mount)

1.181[30]
1.902[48.3]

XiAN-TM BACK VIEW
(w/ Panel Mount Brackets)

8.250[209.6] 9.248[234.9]

XiAN-TM SIDE VIEW
(w/ Shelf Mount Brackets)
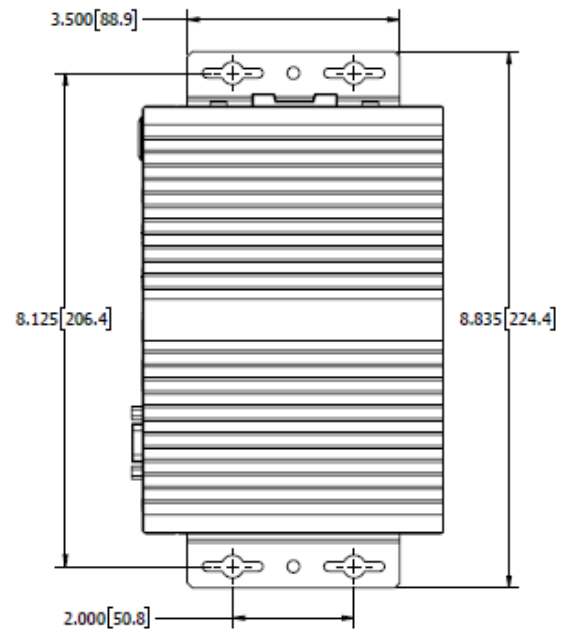
3.500[88.9]
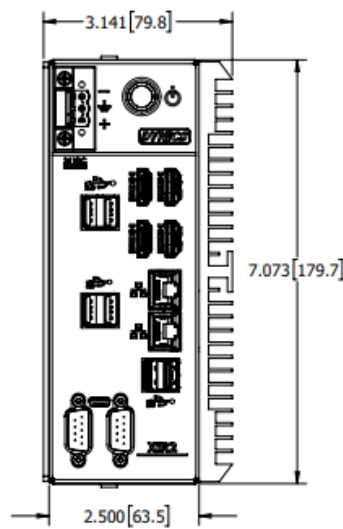8.125[206.4] 8.835[224.4]
2.000[50.8]

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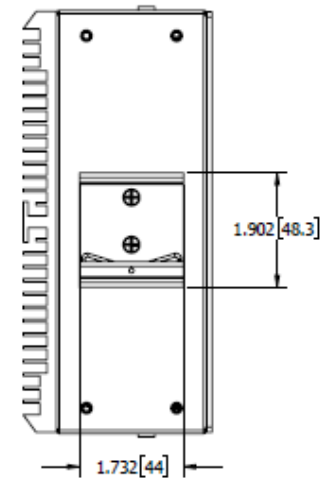A ROCKWELL AUTOMATION TECHNOLOGY

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XiA2-TM FRONT VIEW
Power Entry

3.141[79.8]

7.008[178]

2.500[63.5]

PIN 1: V+
PIN 2: ⏚ (Chassis GND)
PIN 3: V-
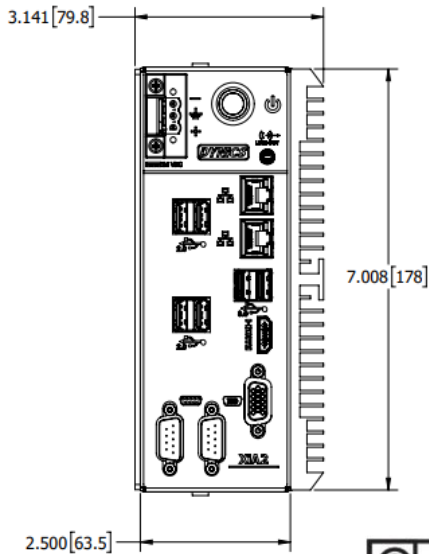
XiR2-TM FRONT VIEW
Power Entry

3.141[79.8]

7.073[179.7]

2.500[63.5]

XiA2 / XiR2 BACK VIEW
(w/ DIN Rail Mount)

1.902[48.3]

1.732[44]

XiA2 / XiR2 BACK VIEW
(w/ Panel Mount Brackets)

8.400[213.4]

1.250[31.8]

2.375[60.3]

9.401[238.8]
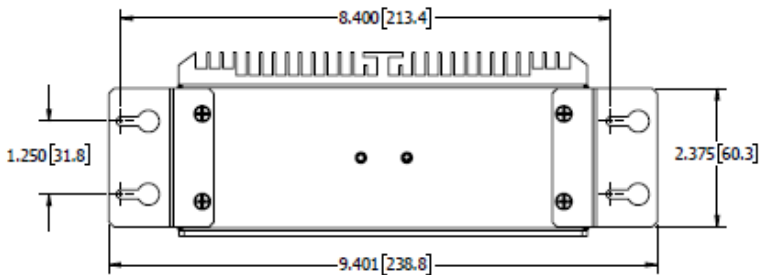
XiA2 / XiR2 SIDE VIEW
(w/ Shelf Mount Brackets)
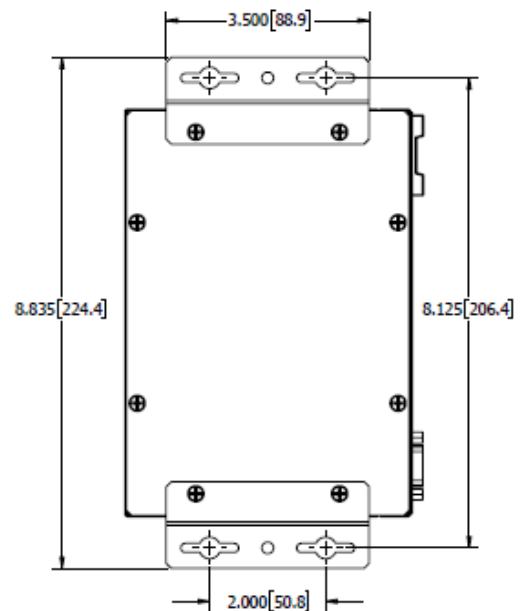
3.500[88.9]

8.835[224.4]

8.125[206.4]

2.000[50.8]

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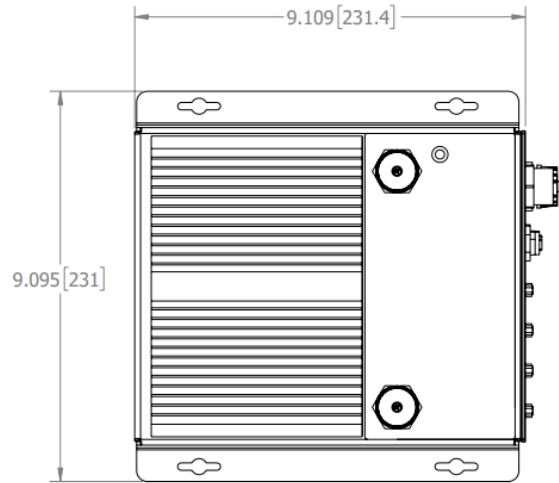
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XiS-TM FRONT VIEW
Power Entry (4-Pin) 24VDC

7.400[188]
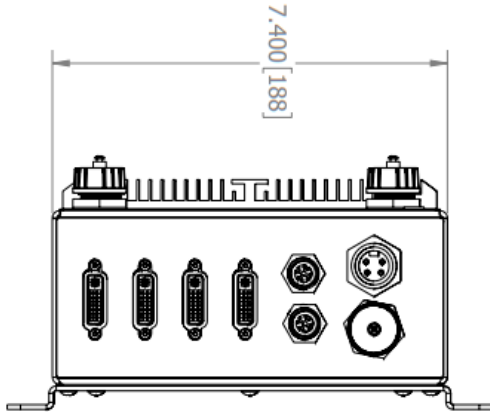
1 NO CONNECT
2 0 VDC
3 NO CONNECT
4 +24 VDC

XiS-TM TOP VIEW

9.109[231.4]

9.095[231]

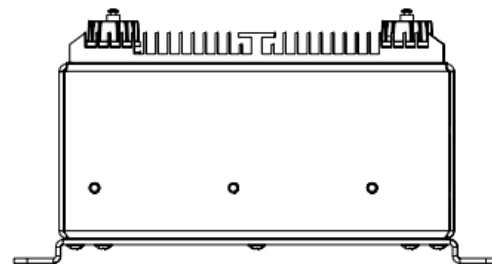## XiS-TM SIDE VIEW
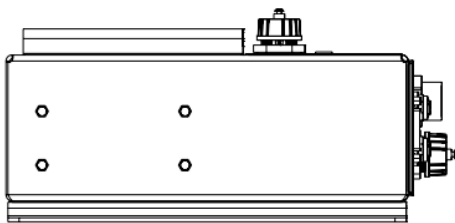
XiS-TM BACK VIEW

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