**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**

<table>
<thead>
<tr>
<th>Model:</th>
<th>Desktop IP20</th>
<th>IP50 Sealed</th>
<th>IP65 Sealed</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TYPE</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>I/O PORTS</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1Gb Ethernet Ports</td>
<td>2x</td>
<td>2x</td>
<td>2x</td>
</tr>
<tr>
<td>USB 3.0 Ports</td>
<td>2x</td>
<td>2x</td>
<td>2x</td>
</tr>
<tr>
<td>USB 2.0 Ports</td>
<td>-</td>
<td>-</td>
<td>4x</td>
</tr>
<tr>
<td>RS232/422/485 Ports</td>
<td>-</td>
<td>-</td>
<td>1x</td>
</tr>
<tr>
<td>RS232 Ports</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Analog VGA Video Ports</td>
<td>1x</td>
<td>1x</td>
<td>1x</td>
</tr>
<tr>
<td>HDMI Ports</td>
<td>1x</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>DVI Ports</td>
<td>-</td>
<td>-</td>
<td>4x</td>
</tr>
<tr>
<td>Audio Jack (Line Out)</td>
<td>1x</td>
<td>1x</td>
<td>1x</td>
</tr>
</tbody>
</table>

**CPU**

- **Apollo Lake Celeron® N3350**
  - Up to 2.4GHz Turbo
  - 2MB Cache, 2 Cores, 2 Threads
- **AMD® RYZEN™ V1605B**
  - 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**

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.

**System Requirements**

- **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)
OPTIONAL ACCESSORIES

<table>
<thead>
<tr>
<th>Accessory Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PWR-24V-BRK-40W-3PIN</td>
<td>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</td>
</tr>
<tr>
<td>PWR-24V-BRK-65W-3PIN</td>
<td>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</td>
</tr>
<tr>
<td>PWR-24V-2.5ADC-ECO-RAIL</td>
<td>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</td>
</tr>
<tr>
<td>PWR-24V-5ADC-ECO-RAIL</td>
<td>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</td>
</tr>
</tbody>
</table>

DIMENSIONS, WEIGHT AND POWER CONSUMPTION

<table>
<thead>
<tr>
<th>Model</th>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
<th>Weight</th>
<th>Power Consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>XIAD-TM</td>
<td>8.86” (224.9mm)</td>
<td>2.05” (52.1mm) Desktop Stand: 4.4” (111.9mm)</td>
<td>5.1” (129.5mm) Desktop Stand: 6.5” (165.1mm)</td>
<td>2.7 lbs. (1.2kg)</td>
<td>15 Watts</td>
</tr>
<tr>
<td>XIAN-TM</td>
<td>7.1” (180.3mm)</td>
<td>1.93” (48.9mm)</td>
<td>5.1” (129.5mm)</td>
<td>2.5 lbs. (1.1kg)</td>
<td>15 Watts</td>
</tr>
<tr>
<td>XIA2-TM</td>
<td>7.1” (180.3mm)</td>
<td>3.15” (80.0mm)</td>
<td>5.1” (129.5mm)</td>
<td>3 lbs. (1.4kg)</td>
<td>16 Watts</td>
</tr>
<tr>
<td>XIR2-TM</td>
<td>7.1” (180.3mm)</td>
<td>3.15” (80.0mm)</td>
<td>5.1” (129.5mm)</td>
<td>3 lbs. (1.4kg)</td>
<td>65 Watts</td>
</tr>
<tr>
<td>XIS-TM</td>
<td>4.0 (101.6mm)</td>
<td>9.1 (231.2mm)</td>
<td>9.0 (228.6mm)</td>
<td>9.0 (4.1kg)</td>
<td>65 Watts</td>
</tr>
</tbody>
</table>

*Weights are approximate, contact DYNICS for details.

**Power Consumption based on maximum ratings, actual ratings vary significantly based on components used.
MECHANICAL DRAWINGS

XiAD-TM FRONT VIEW
Power Entry

XiAD-TM TOP VIEW
(Desktop Stand)

XiAD-TM BOTTOM VIEW

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

XiAD-TM SIDE VIEW
(w/ DIN Rail Mounts)

All measurements are in inches and pounds, unless noted. Pictures and drawings are not to scale. Estimated weight may change depending on options. DYNICS Reserves the right to change, modify, upgrade, or discontinue any part of this datasheet without any prior notice.
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ThinManager® Xi-Series

XiA2-TM FRONT VIEW
Power Entry

XiR2-TM FRONT VIEW
Power Entry

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

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

XiA2 / XiR2 SIDE VIEW
(w/ Shelf Mount Brackets)

All measurements are in inches and pounds, unless noted. Pictures and drawings are not to scale. Estimated weight may change depending on options. DYNICS Reserves the right to change, modify, upgrade, or discontinue any part of this datasheet without any prior notice.
ThinManager® Xi-Series

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

XiS-TM TOP VIEW

XiS-TM BACK VIEW

XiS-TM SIDE VIEW

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