XiV | COMPUTER MODULE IP50 UNIT

DYNICS XiV is a compact computer built with no moving parts and equipped with an aluminum heatsink in an IP50 sealed form factor, featuring an 8th Gen Hexa™ Core i5 / i7 processor. With your choice of operating system, storage and Wi-Fi, the XiV can be configured to suit your production applications.

- Fanless (No Moving Parts)
- Aluminum Heatsink
- 24VDC Power Entry / AC Option

### PC SPECIFICATIONS

<table>
<thead>
<tr>
<th>COMPUTER I/O PORTS</th>
<th>1x DVI-D Port</th>
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</thead>
<tbody>
<tr>
<td>2x Display Port v1.2</td>
<td></td>
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<tr>
<td>4x USB 3.1 Ports</td>
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<tr>
<td>4x USB 2.0</td>
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<tr>
<td>2x 1Gb Ethernet Ports (1x Supports vPro AMT)</td>
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<tr>
<td>2x RS232</td>
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<tr>
<td>2x PS/2</td>
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<tr>
<td>2x Audio Jacks (Line-In/Line-Out)</td>
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**CPU**

- Intel® Hexa Core™ i5 8500T / i7 8700T

**CPU SPEED**

- i5 – Up to 3.5 GHz, 9MB Cache
- i7 – Up to 4.0 GHz, 12MB Cache

**MEMORY**

- Up to 32GB DDR4

**STORAGE**

- 240GB – 2TB SSD / 1TB HDD

**OPERATING SYSTEM**

- Windows® 10 Enterprise IoT LTSC 2019 (64-bit)
- Windows® 10 Pro (64-bit)
- Linux Ubuntu

**POWER SUPPLY**

- 24VDC Power Entry (3-Pin Quick Disconnect Included) / 100 ~ 240VAC

**OPTIONAL**

- Single or Dual Wi-Fi 2.4 / 5GHz Wireless 802.11 a/g/n
- IP50 Rating

**TEMPERATURE**

- Operating: 0°-50°C | 32°-122°F
- Non-Operating: -25°-60°C | -13°-140°F

**RELATIVE HUMIDITY**

- Non-Operating: 20% - 80%

**SHOCK RESISTANCE**

- Operating: 10G
- Non-Operating: 15G

**VIBRATION**

- Operating: 1.0G from 57~2000Hz
- Non-Operating: 2.5G from 57~2000Hz

**COMPLIANCE**


**WARRANTY**

- 24-Month limited warranty. Extended warranty available, contact DYNICS for more details.
### DIMENSIONS, WEIGHT AND POWER CONSUMPTION

<table>
<thead>
<tr>
<th>XiV</th>
<th>HEIGHT</th>
<th>WIDTH</th>
<th>DEPTH</th>
<th>WEIGHT</th>
<th>POWER CONSUMPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3.6” (92.5mm)</td>
<td>9.6” (244.0mm)</td>
<td>11.3” (287.3mm)</td>
<td>13 lbs.*</td>
<td>60 Watts**</td>
</tr>
</tbody>
</table>

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

### MECHANICAL DRAWINGS

(Drawings with optional Dual Wi-Fi 2.4 / 5GHz Wireless 802.11 a/g/n)

- **Front View**
- **Back View**
- **Top View**
- **Bottom View**
- **Left Side View**
- **Right Side View**

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.