The Mimic Adapter is ideal for NVIDIA Jetson users who want to easily compare performance or upgrade their existing Jetson designs to the Jetson AGX Xavier.

Gain access to Jetson AGX Xavier’s impressive 20x compute performance increase and 10x energy efficiency improvement from the Jetson TX2.

Mimic enables a giant leap forward in capabilities for autonomous machines and edge devices.

**FEATURES**

- ✓ Install NVIDIA® Jetson AGX Xavier™ on any NVIDIA® Jetson™ TX2/TX2i Carrier Board
- ✓ Easilly compare performance between Jetson TX2 and Jetson AGX Xavier on your current hardware platform
- ✓ Wide range of Jetson AGX Xavier interfaces passed to Jetson TX2/TX2i carrier
- ✓ Dimensions: 92mm x 105mm (3.62” x 4.13”)

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Adapter Function</th>
<th>Allows the NVIDIA® Jetson AGX Xavier™ module to be installed on to any NVIDIA® Jetson™ TX2/TX2i Carrier Board</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carrier Board Compatibility</td>
<td>Any Carrier Board designed for NVIDIA® Jetson™ TX2/TX2i</td>
</tr>
<tr>
<td>Ethernet</td>
<td>RGMII 1Gbps PHY contained on Adapter</td>
</tr>
<tr>
<td>Input Power</td>
<td>Adapter automatically regulates and distributes the Jetson TX2/TX2i Carrier Board VDD_IN to the Jetson AGX Xavier SYS_VIN_HV/MV</td>
</tr>
<tr>
<td>PCB / Electronics Mechanical Information</td>
<td>92mm x 105mm (3.62” x 4.13”) Weight: 68 grams (2.40 ounces) Compatibility with both Development and Production modules.</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40°C to +85°C (-40°F to +185°F)</td>
</tr>
</tbody>
</table>
| NVIDIA GPU SoC Module Compatibility | • 3x USB 2.0  
• 3x USB 3.0*  
• 3x PCIe x1*  
• 1x SATA*  
• 6x 2-lane CSI / 3x 4-lane CSI  
• 2x eDP/DP/HDMI (Supports up to HDMI 2.0 UHD 4K [2160p] at 60Hz)  
• 1x Gigabit Ethernet**  
• 1x SD Card  
• 2x CAN  
• 4x I2C  
• 4x UART  
• 3x SPI  
• GPIO and Misc system control available on Jetson TX2/TX2i |

**Jetson AGX Xavier Interfaces Passed to TX2/TX2i/TX1 Carrier**

- 3x USB 2.0
- 3x USB 3.0*
- 3x PCIe x1*
- 1x SATA*
- 6x 2-lane CSI / 3x 4-lane CSI
- 2x eDP/DP/HDMI (Supports up to HDMI 2.0 UHD 4K [2160p] at 60Hz)
- 1x Gigabit Ethernet**
- 1x SD Card
- 2x CAN
- 4x I2C
- 4x UART
- 3x SPI
- GPIO and Misc system control available on Jetson TX2/TX2i