

# Quick Start Guide – GV Framework Appliance (GVSP-DEPE-R640-FW)

This Quick Start Guide identifies the resources available to help you install and configure a new GV Framework Appliance.

Configuration and usage information is provided in following documents in the Documentation Library on the *Grass Valley web site* ([www.grassvalley.com](http://www.grassvalley.com))

- iTX System Administrator Guide
- iTX Desktop Operator Guide
- iTX Output Server 2 Channel Configuration Guide
- iTX Release Notes

## Contents of the shipping package

The GV Framework Appliance shipping package should contain the items listed below. Please verify the completeness and condition of all parts before installation. If any damage occurred during transport, or if any items are missing from the package, please contact Grass Valley immediately.

- GV Framework Appliance chassis (1)
- Rack mounting kit [rail units (6), brackets and screws]
- Power cords (2)
- USB iTX license dongle (1) (Only included with the ITX-HW-DONGLE option)

## Installation of the GV Framework Appliance chassis

Included in the shipping package is a rack mounting kit that allows you to install the GV Framework Appliance chassis into an equipment rack. Before installing the chassis, we recommend that you read the “Getting Started Guide” and “Rail Installation Guide” for the Dell PowerEdge R640, which is available at *Dell.com*.

## GV Framework Appliance cabling

The following diagrams identify cabling options for GV Framework Appliances.



- |                                   |                      |
|-----------------------------------|----------------------|
| 1 Power cords                     | 4 iTX License Dongle |
| 2 Keyboard and Mouse (KVM Switch) | 5 Ethernet (RJ45)    |
| 3 Graphic monitor or KVM Switch   |                      |

## System Specifications

Summary of the product and technical specifications for the GV Framework Appliance unit.

<b>Chassis dimensions</b>	<ul style="list-style-type: none"> <li>• Form: 1RU (rackmount unit)</li> <li>• Height: 1.68" (42.8 mm)</li> <li>• Width: 17.08" (434.0 mm)</li> <li>• Depth: 29.83" (757.75 mm)</li> <li>• Weight: 48.28 lbs (21.9 kg)</li> </ul>
<b>Processors</b>	2 Intel® Xeon® Silver 4110 Processors
<b>Memory</b>	96 GB main memory
<b>System disk storage</b>	240 GB SSD RAID 1
<b>Data storage</b>	1TB of HDD RAID 1 storage
<b>Power consumption</b>	<ul style="list-style-type: none"> <li>• Number of power supplies: 2</li> <li>• AC input voltage: 100-240 V, 50/60 Hz</li> <li>• Input current: 4.0 A-1.66 A</li> <li>• Input power: 400 W max.</li> </ul>
<b>Temperature</b>	Ambient temperature: 35° C (95° F) Note: Maximum internal temperature within the rack in which the GV Framework Appliance unit is installed.
<b>Operating system</b>	Microsoft® Windows® Server 2016 for Embedded Systems
<b>On-board controllers/ports</b>	<ul style="list-style-type: none"> <li>• USB 3.0 ports (2 on front, 2 on rear)</li> <li>• iDRAC9 dedicated network port (1)</li> <li>• Serial COM port (1)</li> <li>• VGA monitor port (1 front &amp; 1 rear)</li> <li>• Network I/O: 4 x RJ45 Ethernet ports [1 Gb (2 on right) / 10 Gb (2 on left)]</li> </ul>

## Contact Grass Valley Technical Support

For technical assistance, contact our international support center, at 1-800-547-8949 (US and Canada) or +1 514 333 1772.

To obtain a local phone number for the support center nearest you, please consult the Product Support section of Grass Valley’s web site, at <http://www.grassvalley.com/support/contact>.

An online form for e-mail contact is also available from the web site.