

CertusPro-NX Versa Holoscan Sensor Bridge Kit Quick Start Guide



This document provides a brief introduction to the CertusPro-NX Versa Holoscan Sensor Bridge Kit.

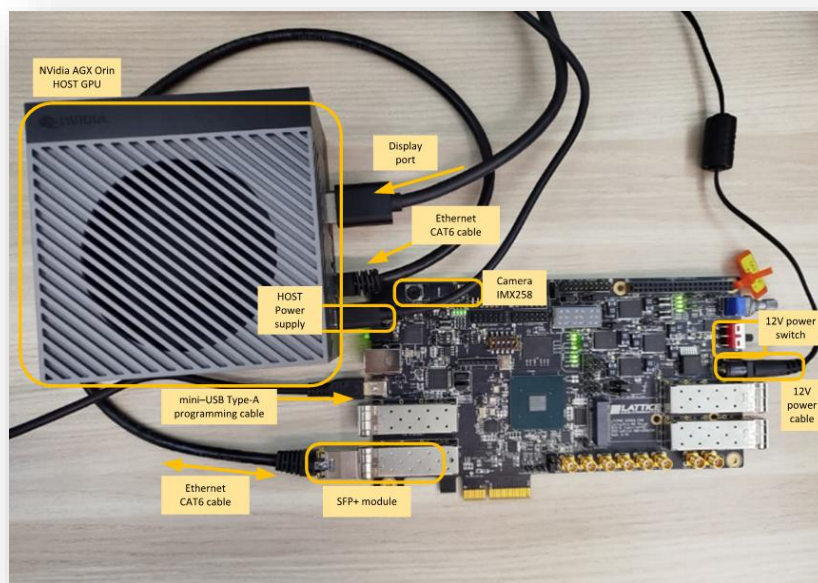
Kit Contents

- Lattice CertusPro-NX Versa Board
- IMX258 Camera Sensor Module
- Ethernet 10GBASE-T (Cat 6 RJ-45) SFP+ Module (Ethernet 10G support)
- 10/100/1000BASE-T SFP module (Ethernet 1G support)
- CAT6 Ethernet cable (support 1G/10G)
- USB Cable for Programming via PC (USB-A to Mini-B)
- 12 V AC/DC Adapter & International Plug Adapters

To be able to compile a reference design, be sure you've installed the Lattice Radiant (version 2025.1.0.39.0) in <https://www.latticesemi.com/en/Support/SoftwareArchive>. If you only need to re-program the board, you can use the Lattice Radiant programmer Standalone Software (version 2025.1.0.39.0).

The CertusPro-NX Versa Board is pre-loaded with a LED blinking demonstration program. To use the full kit for Holoscan Sensor Bridge design, checkout the Reference Design at

<https://www.latticesemi.com/Products/DesignSoftwareAndIP/IntellectualProperty/ReferenceDesigns/ReferenceDesigns05/Customizable-HSB-Sensor-Interfaces-Reference-Design> to download the full User's Guide, source code, and other resources.



Hardware setup for the Jetson AGX Orin host and Lattice CertusPro-NX Versa Board

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