

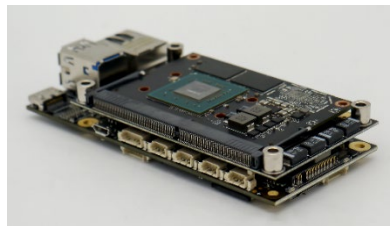
Upgrade your TX2



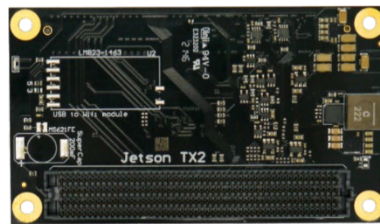
Easily upgrade your existing TX2 system to Nano, TX2 NX or Xavier NX

Nano, TX2 NX or Xavier NX to TX2 adapter

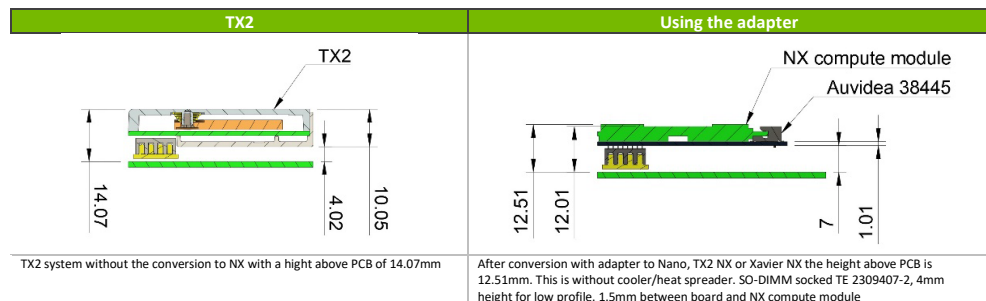
This adapter provides an easy upgrade path for your existing systems to unleash the full power of the new Jetson generation. Easy installation makes it possible to convert large numbers of systems efficiently. The optional integrated Wi-Fi card can bring further features to your systems.



Example: adapter used on the Auvideo J120 carrier board with a Jetson Nano module



| Description | Adapter |
|-----------------------------|---|
| Module compatibility | Jetson Nano Jetson TX2 NX Jetson Xavier NX |
| Carrier board compatibility | Jetson TX2 |
| Options | Integrated Wi-Fi module optional |
| Size | 50x87mm, 4x 3.2mm mounting holes (same as TX2) |
| Rating | UL, RoHS |
| Compatibility | Designed for Auvideo Jetson TX2 carrier boards. Other carrier boards may work as well but Auvideo states no guarantee. Please see our technical manual for further information. For this product we offer a 30 day return policy. This excludes shipping. Auvideo does offer paid support to solve specific incompatibility problems. Please contact Auvideo for a quote. |



Configuration

This adapter board is available in two versions.

- Supporting configuration 1 and 2
- Supporting configuration 5

The configuration you need depends on the carrier board you have.

Note that configuration 3/4/6 and SATA is not supported by the adapter versions!

| Feature | Module capability | | Configuration capability | | |
|---------|-------------------|------------------------------------|--------------------------|----------|----------|
| | Jetson Nano | Jetson TX2 NX/ Jetson Xavier NX | Config 1 | Config 2 | Config 5 |
| PCIe x4 | yes | yes | 1x | 1x | - |
| PCIe x2 | - | - | - | - | 1x |
| PCIe x1 | - | yes | 1x | - | 1x |
| USB3.0 | yes | yes | - | 1x | 1x |

*More in depth information about the TX2 configurations can be found on the NVIDIA developer Jetson download center.

| Description | Link |
|------------------------|---|
| Video | https://www.youtube.com/watch?v=OSnVES-Kjwk |
| STEP-file (config 1/2) | https://auvideo.eu/download/step/38443-3.step.zip |
| STEP-file (config 5) | https://auvideo.eu/download/step/38445-3.step.zip |
| Manual | |

Nano/NX to TX2 adapter

| SKU | Part |
|-------|---|
| 70870 | Nano/NX to TX2 adapter config 1/2 (38443) |
| 70871 | Nano/NX to TX2 adapter config 5 (38445) |



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