



Connect Tech Inc.

Embedded Computing Experts

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Product Change Notification

NVIDIA® Jetson™ Modules DRAM Change Notice

PCN Number:	CTIU-00076
Revision:	0.00
Issue Date:	2024-02-07
Effective Date:	2024-02-07

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1 Product Identification

1.1 Product Data

Module	NVIDIA® Part Number	Revisions	NVIDIA®PCN	Expected Date
Jetson™ TX2 NX 4GB	900-13636-0010-000	302 and later	PCN 210541	July 1, 2024
Jetson Xavier™ NX	900-83668-0000-000, 900-83668-0000-0T0	302 and later	PCN 210641	August 1, 2024
Jetson Orin™ NX 16GB	900-13767-0000-000	301 and later	PCN 209760	August 1, 2024
Jetson Orin™ NX 8GB and Jetson Orin Nano™ series	900-13767-0010-000, 900-13767-0030-000, 900-13767-0040-000	301 and later	PCN 210361	February 15, 2024
Jetson™ TX2i	900-83489-0000-000	312 and later	PCN 210521	November 1, 2024

2 Description and Reason of Change

AVL	<input type="checkbox"/>	Product Improvement	<input type="checkbox"/>
Material	<input type="checkbox"/>	BIOS Release	<input type="checkbox"/>
Assembly Process	<input type="checkbox"/>	Firmware Release	<input checked="" type="checkbox"/>
Assembly BOM	<input type="checkbox"/>	Datasheet / Manual	<input type="checkbox"/>
Testing	<input type="checkbox"/>	DFM	<input type="checkbox"/>
Manufacturing Site	<input type="checkbox"/>	Other	<input type="checkbox"/>
Equipment	<input type="checkbox"/>		

2.1 Hardware Change

Manufacturing BOM and supply chain is being expanded to include alternate DRAM hardware for supply continuity and resiliency

3 Impact of change (positive or negative) on fit, form, function & reliability

3.1 Quality and Reliability

No effect on the quality and reliability of this product

3.2 Software Compatibility

To accommodate the new DRAM, the below listed JetPack™ and Tegra Linux Driver Package (L4T) versions will be required.

The software and firmware in the latest JetPack™ release accommodates the new DRAM hardware, and is backwards compatible with modules built with the previous hardware version. The new DRAM hardware is not compatible with JetPack™ versions previous to those listed below.

There is no physical way to determine if a module is built with the old or new DRAM hardware. Customers may receive orders of modules of mixed revisions.

Module	Required JetPack™ Version (or later)	Required L4T Version (or later)
Jetson™ TX2 NX 4GB	4.6.5	32.7.5
Jetson Xavier™ NX	4.6.5 or 5.1.3	32.7.5 or 35.5
Jetson Orin™ NX 16GB	5.1.2	35.4
Jetson Orin™ NX 8GB and Jetson Orin™ Nano series	5.1.3 or 6.0	35.5 or 36.1
Jetson™ TX2i	4.6.5	32.7.5

Customers who purchased module integrations through Connect Tech or its distributors that included an integrated Jetson™ TX2 NX 4GB, Jetson Xavier™ NX, Jetson Orin™ NX 16GB, Jetson Orin™ NX 8GB, Jetson Orin Nano™ series and Jetson™ TX2i module will need to ensure their applications are compatible with the above software versions.

3.3 Hardware Compatibility

No effect on the hardware compatibility of this product.

3.4 Mechanical Compatibility

No effect on the hardware compatibility of this product.

4 Product / Revision Discontinuation

Please contact Connect Tech Sales with any questions or concerns.

5 Contact Information

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