

# D1330XB/D1330NB Box PC [Preliminary]

Equips NVIDIA® Jetson Orin NX/ Orin Nano module



For Smart Traffic, Smart Surveillance and Smart City Applications

## Overview

AVerMedia’s D1330XB/D1330NB Box PC equips powerful NVIDIA® Jetson Orin NX/ Orin Nano modules. This efficient system-on-module (SoM) opens new worlds of embedded IoT applications with full analytic capabilities

D1330XB/D1330NB Box PC is designed for the industry applications with spatial concern and compact yet efficient for rapid AI-based solution development and seamless deployment as required by demanding business applications.

AVerMedia supports businesses of all sizes and offers customizable BSP services, flexible MoQ, in addition to NVIDIA’s JetPack™ SDK.

## Enterprise-Leading Features

- Equips NVIDIA® Jetson Orin NX/ Orin Nano module
- 1 x GbE
- 2 x USB 3.2
- 2 x M.2 key for SSD/wifi
- 1 x HDMI output
- 20-pin expansion header
- Operating temperature: -25°C ~ 60°C (TBD)
- Dimension: W: 93mm x L: 81.2mm x H: 74.4mm

## The AVerMedia Advantage



### Video Processing Technology

AVerMedia understands that each business has a unique set of requirements that requires professional expertise and support. With AVerMedia, you are guaranteed to work with a proven global leader in video processing technology (200+ video capturing & streaming patents) with decades of experience processing multiple video signals for countless award-winning products.

A global leader that supports businesses of all sizes with comprehensive customization services (i.e.,



### Flexibility & Reliability

HW/PCB/BSP/etc.), flexible MoQ while ensuring a high-quality design and stable product. And for projects requiring additional security, we can provide customizable encryption hardware to support your privacy needs.

By partnering with us, a dedicated NVIDIA® ELITE Partner, our support-driven team offers prompt after-sales support so that your company stays focused on what matters most, customer acquisition.



### Dedicated After-Sales Support

# D1330XB/D1330NB Box PC

## NVIDIA® Jetson Orin NX/ Orin Nano module

### Specifications

Model	D1330XB-16G/D1330XB-8G/D1330NB-8G/D1330NB-4G
Type	Box PC
NVIDIA GPU SoC Module Compatibility	NVIDIA® Jetson Orin NX 16G or 8G/ Orin Nano 8G or 4G module
Networking	1 x GbE RJ-45 1 x M.2. key E 2230 for wifi
Display Output	1 x HDMI output 3840 x 2160 at 60Hz for Orin NX, 30Hz for Orin Nano
Temperature	Operating temperature -25°C~60°C (TBD) Storage temperature -40°C ~ 85°C Relative humidity 40 °C @ 95%, Non-Condensing
MIPI Camera Inputs	2 x 4 lane MIPI CSI-2, 22 pin FPC 0.5mm Pitch
USB	1 x USB 2.0 type C for recovery 2 x USB 3.2 Type-A
Storage	1x M.2. key M 2280 for NVMe (256G SSD installed)
Expansion Header	20 pins: 2x I2C, 1x UART, 9x GPIOs
Input Power	3.5mm Screw Terminal; 12V/5A, 9V~24V is recommended.
Power Cord	US/JP/EU/UK/TW/AU/CN
Thermal solution	Fan solution
Buttons	Power and Recovery
RTC Battery	Support RTC battery and Battery Life Monitoring by MCU
Dimension/Weight	W: 93mm x L: 81.2mm x H: 74.4mm Weight: 500g (TBD)
Certifications	CE, FCC, KC (TBA)
Package	1x Box PC 12V power adapter/Power cord

### Optional Accessories

MIPI Camera	For 22 pin MIPI connector: <ol style="list-style-type: none"> <li>raspberry pi camera v2/ v3</li> <li>Manufacturer: APPRO.PHO: B-04: IMX179 (8M) MIPI, 1080P (30fps)</li> </ol>
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\*All specifications are subject to change without prior notice.

