ASSURED SYSTEMS

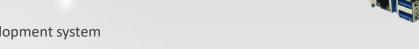**AVerMedia**

Datasheet

NVIDIA ELITE PARTNER

D111NO

NVIDIA® Jetson NANO (Version B01)

Development system

Overview

AVerMedia's D111NO development system equips a modest yet powerful NVIDIA® Jetson Nano™ (Version B01) module. This development system is a perfect kit for developers, makers, engineers, and even learners to AI frameworks and models for smart solutions with applications like image classification, object detection, segmentation, speech processing, and much more.

AVerMedia supports businesses of all sizes and offers customizable BSP services, flexible MoQ, in addition to NVIDIA's JetPack™ SDK, which is used across the entire NVIDIA Jetson™ family of products.

Key Features

- Equips NVIDIA® Jetson NANO (Version B01)
- 1 x GbE RJ-45
- 2 x USB 3.0
- 1 x 4Kp60 HDMI output
- 2 x 2 lane MIPI & 1 x 4 lane MIPI
- 20-pin expansion header
- 1 x micro-SD card slot
- Operating temperature: 0°C ~ 70°C (depends on usage).
- Dimension: W: 87mm x L: 70.6mm x H: 55.9 mm

The AVerMedia Advantage

Video Processing Technology

Flexibility & Reliability

Dedicated After-Sales Support

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.,

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.

The product images are for illustration purposes only and may not be an exact representation of the product.

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ASSURED SYSTEMS

Datasheet

D111NO

Development system

NVIDIA® Jetson NANO (Version B01)

Specifications

Model	D111NO
Type	Development system
NVIDIA GPU SoC Module	NVIDIA® Jetson Nano™ (Version B01) module
Networking	1 x GbE RJ-45
Display Output	1 x HDMI output 3840 x 2160 at 60Hz
Temperature	Operating temperature 0°C~70°C Storage temperature -40°C ~ 85°C Relative humidity 40 °C @ 95%, Non-Condensing
MIPI Camera Inputs	2 x 2 lane MIPI CSI-2, 15 pin FPC 1mm Pitch Connector 1 x 4 lane MIPI CSI-2, 36 pin FPC 0.5mm Pitch Connector
USB	1 x USB 2.0 Micro-B for recovery 2 x USB 3.0 Type-A
Storage	1 x micro-SD card slot
Expansion Header	20 pins: 2x I2C, 1x UART, 9x GPIOs
Input Power	3.5mm Screw Terminal; 12V/5A, 9V~19V is recommended.
Buttons	Power and Recovery
RTC Battery	Support RTC battery and Battery Life Monitoring by MCU
PCB/Electronics Mechanical Info	W: 87mm x L: 70.6mm x H: 55.9mm Weight: 160g
Certifications	CE, FCC, KC
Package	1 x Carrier board 1 x NVIDIA® Jetson Nano™ (Version B01) module 1 x Fan 1 x Power cable Screws
Optional add-on	Adapter and power cord (US, UK, EU/KR, CN, JP, AU, TW)

*All specifications are subject to change without prior notice.

RoHS 2 COMPLIANT

AVerMedia

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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