AVerMedia

NVIDIA PREFERRED SOLUTION PROVIDER

AVerAI EN715-AA00 Box PC

EN715-AA00-1AC0 Box PC supports 2x USB 3.0, 1x GbE, and 1x 4Kp60 HDMI-out
It equips NVIDIA® Jetson Nano™ module (version B01)

Description

AVerMedia AVerAI Box PC EN715-AA00-1AC0 equips NVIDIA® Jetson Nano™ module (version B01) and is designed for the industry applications in the environment with the high physical space concern and operation in the temperature range from 0°C to 70°C. It features the very compact dimensions of 76.6mm (L) x 91.4mm (W) x 70mm (H).

AVerAI EN715-AA00-1AC0 can provide the access to a list of rich I/O functions, which includes 1x 4Kp60 HDMI video output, 2x USB 3.0, 1x GbE RJ-45, 20-pins GPIO expansion, and 1x Micro-B USB 2.0 for recovery. It also comes with a single-mold PCB terminal block module for the easy power connection.

With the compact dimensions, the design for reliable field installation, and the rich I/O functions, EN715-AA00 is the best cost-effective choice for AIoT edge computing in the intelligent video analytics applications of Smart Retail, Smart Camera, and Smart City.

Features

- Fully support NVIDIA® Jetson Nano™ module (version B01)
- 1x GbE, 2x USB 3.0, 1x 4Kp60 HDMI outputs
- 20-pin GPIO expansion
- Operating temperature: 0°C ~ 70°C
- Dimension: W: 91.4mm x L: 76.6mm x H: 70mm

Embedded Vision Solutions for NVIDIA Jetson

AVerMedia offers 3 categories of Embedded Vision Solutions for AI application on the edge devices, with the support of NVIDIA Jetson family, battery power, HDMI/VGA/3G-SDI/Composite video sources, and the direct technical support for developers.

- Standard and customized Nano/Tegra/AGX Xavier carrier boards
- Standard and customized Nano/Tegra/AGX Xavier application-ready systems
- Software design service of Linux BSP, driver, OpenCV, VisionWorks, and cuDNN.

Why AVerMedia

- Innovative, patented passive cooling thermal designs for No-Air-Flow environment: AVerCooler, WaveFin, and Surfax.
- Full customization ability with our in-house HW and SW development teams.
- Timely support from NVIDIA® as we are a NVIDIA® Jetson Preferred Partner.
- Stable supply as we are a financially sound company.

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Specifications

Type	Box PC
NVIDIA GPU SoC Module Compatibility	NVIDIA® Jetson Nano™ module (version B01)
Networking	1x GbE RJ-45
Display 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
USB	1x USB 2.0 Micro-B for recovery 2x USB 3.0 Type-A
GPIO Expansion	20 pins: 2 x I2C, 1x UART, 9x GPIOs
Input Power	3.5mm Screw Terminal; 9V~19V is recommended, 12V/5A
Buttons	Power and Recovery
RTC Battery	Support RTC battery and Battery Life Monitoring by MCU
Chassis Dimension/ Weight	W: 91.4mm x L: 76.6mm x H: 70mm (3.60" x 3.02" x 2.76") Weight: 334.2g
Certifications	CE, FCC

* All specifications are subject to change without prior notice.

RoHS 2 COMPLIANT

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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