AIR6N0-C-DB NX HDMI2.1

YUAN

AI Edge for 4K60 4:4:4 HDMI2.1

Features

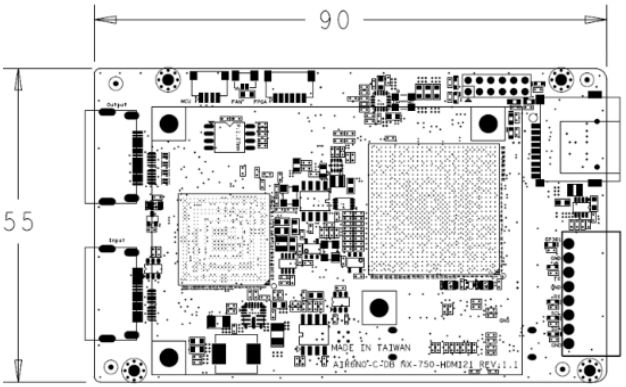
- Business Card Size
- 1×HDMI2.1 In & Loop

Specifications

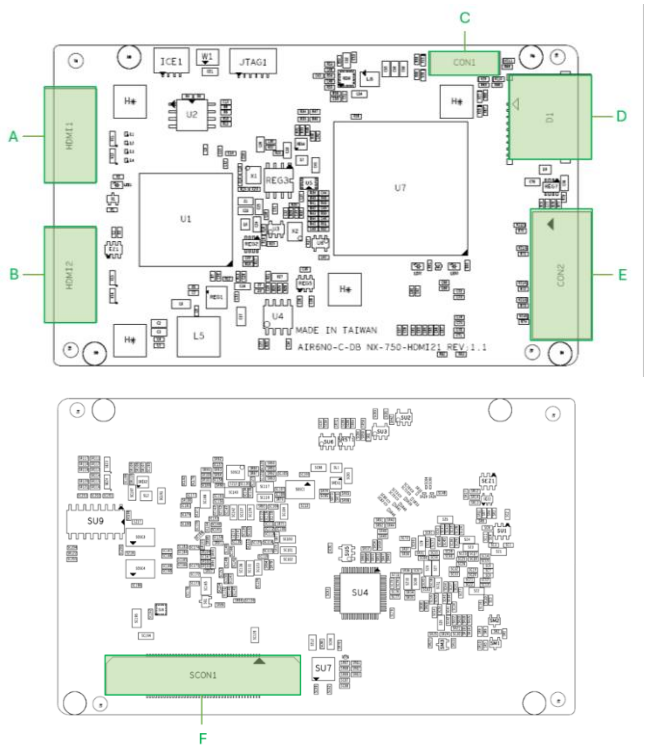
Video Feature	
Input	1×HDMI2.1
Output	1×HDMI2.1 (Loop)
Video Capture Resolutions	4096x2160@60/50/30/25/24fps 3840x2160@60/50/30/25/24fps 2560x1440p@144fps 1920x1080p@240/144/120/100fps 1920x1080p@60/50fps 1920x1080p@30/25/24fps 1920x1080i@60/50fps 1280x720p@60/50fps 1280x1024p@60fps 1280x960p@60fps 1024x768p@60fps 800x600p@60fps 640x480p@60fps 720x480p@60fps 720x576p@50fps 720x480i@60fps 720x576i@50fps More resolution supported by SDK
Interface	
Peripheral Communication	8 Pin Phoenix Connector 1×GPIO 1×RS232 (*) 1×I2C 2×6 Pin Header 3×GPIO 1×RS485 1×I2C * Please select either RS232 of 8 Pin Phoenix Connector or UART of 6 Pin Wafer to use
Storage	1×Micro SD Card Slot
Misc. Features	Firmware Upgradable
Development Environment	
JetPack	6.2 or Higher
Environment	
Power Consumption	TBA
Operating Temperature	0~60˚C with Airflow
Storage Temperature	-20~80˚C
Certification	CE, FCC

Mechanical

・Dimension: 90mm × 55mm



I/O Layout



A. HDMI2.1 Loop
B. HDMI2.1 In
C. 2×6 Pin Header
D. Micro SD Card Slot
E. 8 Pin Phoenix Connector
F. Custom Connector

Support Carrier Boards

Series / Model	
AIR6N0-C NX Series	AIR6N0-C-MB NX AIR6N0-C-MB NX TRX
PIX6N0 Series	PIX6N0-MB AGX PIX6N0-MB NX

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