

BOXER-8411AI Preliminary

AI@Edge Fanless Embedded Box PC with HiSilicon HI3559A Platform and PD Function

Launching in Q1

Features

- HiSilicon Hi3559A
- 8GB LPDDR4 + 64GB eMMC5.1 onboard
- Powered Device (802.3at @ 25W)
- USB 3.2 Gen 1 x 2
- GbE LAN x 2



Specifications

System	
CPU	Dual-Core A73 / Dual-Core A53 / Single-Core A53
GPU	Triple core ARM Mali-G71 GPU
System Memory	8GB LPDDR4
AI Accelerator	Dual-Core DSP Dual-Core CNN Engine
Display Interface	HDMI 2.0 x 1
Storage Device	64GB eMMC 5.1 Micro-SD
Ethernet	10/100/1000Base-TX x 2
I/O	USB Type A x 2 for USB 3.2 Gen 1 RJ-45 x 1 for GbE LAN RJ-45 x 1 for PD (Powered Device) (802.at) (25W) DB-9 x 1 for Console Mode 3-pin terminal block x 1 for RS-485 MicroSD x 1 MicroUSB OTG x 1
Expansion	—
Indicator	Power LED x 1
OS Support	Linux
Power Supply	
Power Requirement	12Vdc with DC Jack
Mechanical	
Mounting	Wallmount
Dimensions (W x D x H)	TBD
Gross Weight	TBD
Net Weight	TBD
Environmental	
Operating Temperature	-4°F ~ 122°F (-20°C ~ 50°C, according to IEC60068-2 with 0.5 m/s AirFlow)
Storage Temperature	-13°F ~ 176 °F (-25°C ~ 80°C)
Storage Humidity	95% @ 40°C, non-condensing
Anti-Vibration	Random, 5 Grm, 5~500Hz
Certification	CE/FCC class A