

AEC-6401

Compact Embedded Controller with Intel® Atom™ Low Power Processor

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BOXER Lite Series - Fanless Embedded Controller Solutions



Features

- World's Slimmest Fanless Boxer: Compact Design: (board 120x 72mm, System 125 x 77 x 20mm)
- Uniform I/O ports: USB & RJ-45
- HDMI Display
- Anti-drop Power/USB Connector Design
- Wireless Solution Through Dongle: WiFi/ 3G
- Aluminum Enclosure
- Intel® Atom™ N2600 1.6GHz



Expansion	PCIe [x1]	—
	PCI	—
	Mini Card	—
	Mini PCI	—
	Others	Onboard USB x 2 for Touch/WiFi
Indicator	Front	—
	Rear	—
Power Requirement	DC-in 12V	
Power Consumption	Intel® Atom™ N270, 1.05A @DC 19V	
System Cooling	Passive	
Mounting	Wallmount/Din-rail	
Operating Temperature	-4°F ~ 104°F (-20°C ~ 40°C) w/o Airflow	
	-4°F ~ 122°F (-20°C ~ 50°C) w/ Airflow	
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)	
Anti-Vibration	3g rms/ 5 ~ 500Hz/ operation – CFD	
	1g rms/ 5~ 500Hz/ operation – HDD	
Anti-Shock	50G peak acceleration (11 msec. duration) – CFD	
	20G peak acceleration (11 msec. duration) – HDD	
MTBF	50,000	
Certification	EMC	CE /FCC Class A
	Safety	—
Dimension (W x H x D)	4.92" (W) x 3.03" (H) x 0.79" (D) (125mm x 77mm x 20mm)	
Gross Weight	—	
Note	—	

Specifications

CPU	Intel® Atom™ N2600 1.60GHz	
Chipset	Intel® NM10	
System Memory	DDR3 1066 SDRAM SODIMM X 1, Max.2GB	
Display Interface	VGA	—
	DVI	—
	Others	mini HDMI x 1
Storage Device	SSD	mSATA
	HDD	—
Network	LAN	Gigabit Ethernet, RJ-45 x 1
	Wireless	Optional
Front I/O	USB Port	USB 2.0 x 4
	LAN	HDMI x 1
	Serial Port	—
	DIO	—
	Audio	—
	KB/MS	—
	Others	Power Button x 1
	Rear I/O	USB Port
LAN		RJ-45 x 1, Gigabit Ethernet
Serial Port		RJ-45 x 3 (RS-232 x1 , RS-232/422/485 x 2)
DIO		—
Audio		—
KB/MS		—
Others		Power input x 1

Ordering Information

- AEC-6401-A1-1010**
Embedded Controller, Intel® Atom™ N2600, 2GB ,HDMI, 3COM, 4USB, LAN, DC-in 12V

Optional Accessories

- TBD