ComX Computers
Product Specification Sheet

IMB-A160N-T56N

Mini-ITX Form Factor with AMD Embedded G-Series APU T56N



Specifications

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Specifications	
Product Code	IMB-A160N-T56N
Form Factor	
Dimensions	- Mini-ITX (6.7-in x 6.7-in)
Processor System	
CPU	- AMD Embedded G-Series APU
	- Supports AMD Virtualization Technology (AMD-V)
Core Number	- 2
Max Speed	- T56N : 1.65GHz (w/ Fan)
	- T48E : 1.4GHz (w/ Fan)
	- T40E : 1.0GHz (Fanless)
L3 Cache	- N/A
Chipset	- AMD A50M
BIOS	- UEFI
Expansion Slot	
PCI	- 0
Mini-PCIe	- 1 (Half size)
mSATA	- 1 (with USB 2.0)
PCIe	- 1 (x4), x16 add on card compliant

CFast Card Socket	0
Memory	
Technology	- Single Channel DDR3 1066/1333 MHz SDRAM
Max.	- 8GB
Socket	- 2 x SO-DIMM
Graphics	
Controller	- T56N : AMD Radeon HD 6320
	- T48E : AMD Radeon HD 6250
	- T40E : AMD Radeon HD 6250
VRAM	- Shared Memory
VGA	- IMB-A160 & IMB-A161-H support max resolution 1920x1200
LVDS	- IMB-A160 supports dual channel 24-bit, max resolution 1920x1200
HDMI	- IMB-A160 supports 1 & IMB-A160-H supports 2 HDMI 1.3, max resolution 1920x1080
DVI	- No
DisplayPort	- No
MultiDisplay	- Yes
Ethernet	
Ethernet	- 10/100/1000 Mbps
Controller	- Realtek RTL8111E
Connector	- 2 x RJ-45
SATA	
Max Data Transfer Rate	- 4 x SATA3 (6.0Gb/s)
Rear I/O	
VGA	- 1
DVI	- 0
HDMI	- 1
DisplayPort	- 0
Ethernet	- 2
USB	- 6 (USB 2.0 compliant)
Audio	- 2 (Mic-In, Line-Out)
Serial	- 2 (RS-232/422/485)
PS2	- 1 (Combo)
Internal Connector	
USB	- 6 (USB 2.0 compliant, Header)
	- 1 Vertical Type A USB Connector
LVDS / inverter	- 1/1
VGA	0

Serial	- 4 (RS-232)
SATA	- 4 x SATA3 (6.0Gb/s)
mPCIe	- 1
Parallel	- 1
mSATA	- 1
IrDA	- 0
GPIO 8-bit	- 4 x GPI + 4 x GPO
SATA PWR Output Con	- 1
Speaker Header	- 1
Watchdog Timer	
Output	Output from super I/O to drag RESETCON#
Interval	256 Segments, 0, 1, 2…255 Sec/Min
Power Requirements	
Input PWR	ATX PWR
Power On	AT/ATX Supported
	- AT : Directly PWR on as power input ready
	- ATX : Press button to PWR on after power input ready
Environment	
Temperature	- 0ºC - 60ºC

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/IMB-A160N-T56N-Mini-ITX-Form-Factor-with-AMD-Embedded-G-Series-APU-T56N-p-94079.php

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