



ASM-CDV

Intel® Atom™ Processor D2550 Fanless Ultra Slim System with Intel® NM10 Chipset



- > Onboard Intel® Atom™ D2550 BGA Processor
- > Intel® NM10 Express Chipset
- > One 204-pin SODIMM Socket Up to 4GB DDR3 1066MHz SDRAM
- > Rich I/O, 1 VGA, 1 HDMI, 1 CF, 1 Mic-In, 1 Line-In, 2 Line-Out, 2 LAN, 2 COM, 4 USB
- > Expansion Slot Supports 2 Mini PCIe Slot
- > Fanless Operating from 0 ~ 50°C
- > Wide Range DC Power Input from 12 ~ 26V
- > Super Slim Design, 182mm x 257mm x 25mm
- > Supports VESA 75 & 100

+ Spec

System	
Processor	Intel® Atom™ D2550 2-Core 1.86GHz processor
System Chipset	Intel® NM10 Express Chipset
System Memory	1 x204-Pin DDR3L 1066MHz SO-DIMM up to 4 GB
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec. and 1sec./step
H/W Status Monitor Board	Monitoring System Temperature, Voltage and FAN Status with Auto Throttling Control EBM-CDV + AUX-025
Expansion	
Expansion	2 xMini PCIe
Storage	
Storage	1 xCompactFlash Type I/II Socket 1 xmSATA 1 x2.5" Drive Bay
I/O	
USB	4 xUSB 2.0
COM Port	1 xRS-232 1 xRS-232/422/485 (Factory Optional)
Other	1 xKnockouts for Antenna Mounting
Display	
Chipset	Intel® Cedarview Integrated Graphics
Resolution	VGA:Max. resolution 1920x1200@ 60Hz HDMI:Max. resolution 1920x1200@ 60Hz
Audio	
Chipset	Realtek ALC892 supports 5.1-CH
Audio Interface	Mic-In, Line-In and 2 x Line-Out
Ethernet	
Chipset	2 xIntel® 82574L
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45
Mechanical & Environmental	
Operating Temp	(w/SSD, mSATA, CF), ambient w/ air flow 0°C ~ 50°C (32°F ~ 122°F) (w/HDD), ambient w/ air flow 0°C ~ 40°C (32°F ~ 104°F)
Storage Temp	-40°C ~ 75°C (-40°F ~ 167°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Construction	Aluminum + Metal + Plastic
Mounting Kit	VESA Mount kit (Optional)
Dimension (L x W x H)	7.2" x 10.1" x 1.0" (182mm x 257mm x 25mm)
Vibration Test	With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
Shock Test	With CF/SSD : 10Grms, IEC 60068-2-27, Half Sine, 11ms
Certifications	
Certification Information	CE FCC Class A
Software Support	



OS Information	Win 7 Win XP Linux
Power Requirement	
Power Connector	Lockable DC Jack
Power Requirement	+12V ~ +26V
Power Mode	AT/ATX (ATX is default setting)
Adapter	Input: 100 ~ 240Vdc/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter

+ Ordering

ASM-CDV-255-A1-1R
Intel® Atom™ Processor D2550 Fanless Ultra Slim System with Intel® NM10 Chipset

ACC-ASM-VESA-2R
VESA Mount kit