

# ECW-281B2

Fanless Embedded System with Intel® Atom™ Dual-core D525/N270 CPU



## Features

- » Fanless system with
  - 1.8 GHz Intel® Atom™ D525 dual-core CPU
  - 1.6 GHz Intel® Atom™ N270 CPU
- » Supports four USB 2.0 ports and six COM ports
- » Dual GbE LAN ideal for high-speed network applications
- » Supports CompactFlash®, 2.5" SATA HDD and SSD storage devices
- » 12 V DC and 9 V DC - 36 V DC power input models available
- » Supports dual VGA display (B2 model only)

## Specifications

Form factor	
SBC Form Factor	CPU:
	Intel® Atom™ D525 dual-core 1.8GHz/1MB L2 cache(for ECW-281B2-D252)
	Intel® Atom™ N270 1.6 GHz with 533 MHz FSB(for ECW-281B2-N270)
	Chipset:
	Intel® ICH8M(for ECW-281B2-D252)
	Intel® 945GSE + ICH7M(for ECW-281B2-N270)
	System Memory:
	1 GB DDR3 204-pin SO-DIMM memory pre-installed(for ECW-281B2-D252)
	1 GB DDR2 200-pin SO-DIMM memory pre-installed(for ECW-281B2-N270)
I/O Interface	
I/O Ports	4 x USB 2.0
	Ethernet:2 x Realtek 8111E PCIe GbE
	COM Port
	5 x RS-232 ports for ECW-281B2-D252
	5 x RS-232 ports for ECW-281B2-N270
	Display:2 x VGA
	Resolution:
	VGA: Up to 1024 x 768@60MH(for ECW-281B2-D252z)
	VGA: Up to 1024x768@60MHz(for ECW-281B2-N270)
	Audio:1 x Speaker out
Expansion Slots	
Expansion Slots	1 x PCIe Mini card slot
System	
Cooling method / System Fan	Fanless
Drive Bays	1 x 2.5" SATA HDD space
Color	
Color	Black

Dimensions	
Dimensions	229 x 132 x 64
Weight	
Weight	2.1 kg/3.9 kg
Environment	
Operating Temperature	20°C ~ 65°C with CompactFlash®/SSD(for ECW-281B2-D525)
	-10°C ~ 50°C with HDD
	-10°C ~ 60°C with CompactFlash®/SSD(for ECW-281B2-N270)
	-10°C ~ 50°C with HDD

## Ordering Information

ECW-281B2WD-R30/N270/1GB	Fanless embedded system with Intel® Atom™ N270 1.6GHz CPU,945GSE,dual VGA,built-in 1GB DDR2 memory,9-36VDC in,w/o power adapter,black,RoHS
ECW-281B2WD-R11/D525/1GB	Fanless embedded system with WAFER-PV-D5252, with dual-core Intel® Atom™ D525 1.8G, with dual VGA display and 5 serial ports, with 1 GB DDR3 memory, 9 V-36 V DC in, w/o power adapter, black, RoHS, R11
ECW-281B2-R31/N270/1GB	Fanless embedded system with Intel® Atom™ N270 1.6GHz CPU,945GSE,dual VGA,built-in 1GB DDR2 memory,12VDC in,with 60W power adapter with ERP and PSE certificates,black,RoHS
ECW-281B2-R12/D525/1GB	Fanless embedded system with WAFER-PV-D5252, with dual-core Intel® Atom™ D525 1.8G, with dual VGA display and 5 serial ports, with 1 GB DDR3 memory, 12 V DC in, 60W power adapter with ErP and PSE certificates, black, RoHS

## Packing List

1 x Power cord only for 12V	1 x Screw set
1 x 12V 60W power adapter (with PSE/ErP certified, only for 12V)	1 x Wall mount bracket
1 x HDD thermal pad	