

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-D525 |
| | 5 x RS-232 ports for ECW-281B2-N270 |
| | Display:2 x VGA |
| | Resolution: |
| | VGA: Up to 1024 x 768@60MH(for ECW-281B2-D525z) |
| | 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 | |