

ECW-281B-8522

WAFER-8522 Embedded Fanless Solutions



Features

- ◆ ULV Intel® Celeron® M 1GHz fanless system
- ◆ Four USB 2.0, six COM ports for peripheral devices
- ◆ Dual GbE LAN Ideal for high speed network application
- ◆ VESA 100 wall mount, DIN-mount
- ◆ 12 VDC, 9 VDC ~ 36 VDC input models available

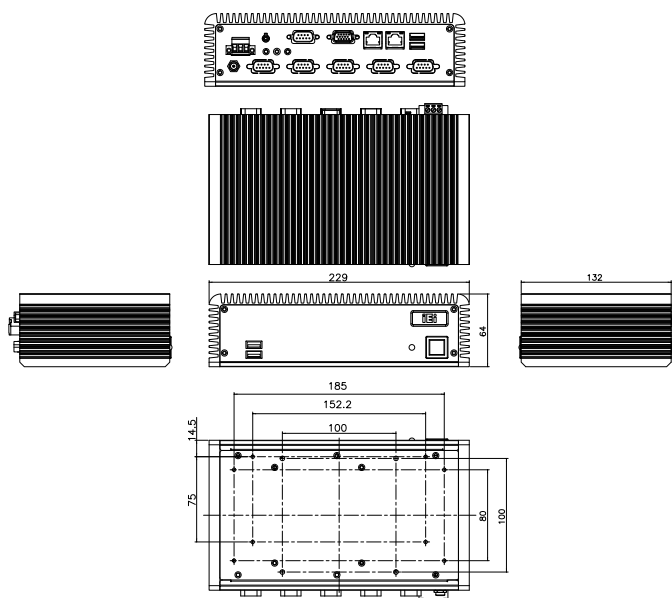


2 x USB ports on front panel for non-wireless models

Specifications

| Model No. | ECW-281B-8522 | ECW-281B-8522W |
|-----------------------|---|---|
| SBC | WAFER-8522 | |
| Processor | ULV Intel® Celeron® M 1 GHz zero cache / ULV Intel® Celeron® M 1 GHz with 512 KB L2 cache | |
| Chipset | Intel® 852GM + ICH4 | |
| System Memory | 200-pin 512 MB/1 GB 266 MHz single-channel DDR SDRAM SO-DIMM | |
| Ethernet | Dual Realtek RTL8110SC GbE controllers | Dual Realtek RTL8110SC GbE controllers Built-in 802.11b/g wireless |
| Display | CRT interface intergrated in 852GM with one VGA port | |
| USB | 4 x USB 2.0 | 3 x USB 2.0 |
| Serial Port | 5 x RS-232, 1x RS-232/422/485 selectable | |
| Audio | 1 x speaker out | |
| Storage | 1 x 2.5" IDE HDD capacity | |
| Power Input | 12VDC in with DC jack and 3-pin terminal block WD series input voltage: 9 VDC ~ 36 VDC | |
| Power Consumption | 27 W | |
| Chassis Construction | Aluminum Alloy | |
| Operating Temperature | 0°C~50°C | |
| Operating shock | Half-sine wave shock 3G; 11ms; 3 shocks per axis | |
| Operating Vibration | MIL-STD-810F 514.5C-1 (HDD) MIL-STD-810F 514.5C-2 (CompactFlash) | |
| Weight (Net/Gross) | 2.1 kg / 3.9 kg | |
| Dimensions (DxWxH) | 132 mm x 229 mm x 64 mm | |
| Mounting | DIN mount, VESA 100 wall mount | |
| EMC/Safety | CE, FCC class A | |

Dimensions (unit: mm)



Ordering Information

12VDC input

| Part No. | CPU | Memory | Wireless |
|----------------------------|--|--------|----------|
| ECW-281B-8522-R10/512MB | ULV Intel® Celeron® M 1 GHz, zero cache | 512 MB | N/A |
| ECW-281B-8522W-R10/512MB | | 512 MB | Yes |
| ECW-281B-8522-R10/1GB | | 1 GB | N/A |
| ECW-281B-8522W-R10/1GB | | 1 GB | Yes |
| ECW-281B-8522L2-R10/512MB | ULV Intel® Celeron® M 1 GHz, 512 KB L2 cache | 512 MB | N/A |
| ECW-281B-8522L2W-R10/512MB | | 512 MB | Yes |
| ECW-281B-8522L2-R10/1GB | | 1 GB | N/A |
| ECW-281B-8522L2W-R10/1GB | | 1 GB | Yes |

9-36VDC input

| Part No. | CPU | Memory | Wireless |
|------------------------------|---|--------|----------|
| ECW-281BWD-8522-R10/512MB | ULV Intel® Celeron® M 1 GHz, zero cache | 512 MB | N/A |
| ECW-281BWD-8522W-R10/512MB | | 512MB | Yes |
| ECW-281BWD-8522-R10/1GB | | 1 GB | N/A |
| ECW-281BWD-8522W-R10/1GB | | 1 GB | Yes |
| ECW-281BWD-8522L2-R10/512MB | ULV Intel® Celeron® M 1 GHz, 512KB L2 cache | 512 MB | N/A |
| ECW-281BWD-8522L2W-R10/512MB | | 512 MB | Yes |
| ECW-281BWD-8522L2-R10/1GB | | 1 GB | N/A |
| ECW-281BWD-8522L2W-R10/1GB | | 1 GB | Yes |