

# ECN-380-QM87i-WD-QGW

Fanless Embedded System with Intel® Solution



## Features

- » Intel® Core™ i5/Celeron® CPU » Intel® Core™ i5-4400E 2.7 GHz/Celeron® 2000E 2.2 GHz
- » Triple video outputs » 2 x HDMI™ + VGA
- » Two 2.5" SATA 6Gb/s HDD/SSD drive bays

## Specifications

|                             |   |
|-----------------------------|---|
| <b>Form factor</b>          |   |
| SBC Form Factor             | Intel® mobile Core™ i5-4400E with AMT 9.0 support (up to 2.7GHz, dual-core, 3MB cache, TDP=37W) |
|                             | Intel® mobile Celeron® 2000E (up to 2.2GHz, dual-core, 2MB cache, TDP=37W)                      |
| <b>System</b>               |   |
| Cooling method / System Fan | Fanless   |
| Chipset                     | Intel® QM87   |
| Memory Max.                 | One 204-pin 4GB DDR3 SO-DIMM pre-installed (system max: 8GB)                                    |
| Drive Bays                  | 2 x 2.5" SATA 6Gb/s HDD/SSD drive bay   |
| <b>I/O Interface</b>        |   |
| Display                     | 2 x HDMI™, 1 x VGA  |
| Audio                       | 1 x Line-out, 1 x Mic-in  |
| I/O Interface               | 2 x USB 3.0   |
|                             | 4 x USB 2.0   |
|                             | 2 x RJ-45   |
|                             | 2 x RS-232  |
| Serial                      | 2 x RS-232  |
| <b>Power</b>                |   |
| Input                       | DC jack: 12 V DC  |
|                             | 3-pin terminal: 9 V~36 V DC   |
| Power consumption           | 12 V@4.6 A  |
|                             | (Intel® mobile Core™ i5-4400E with 4GB 1333MHz DDR3 memory)                                     |
| <b>Environment</b>          |   |
| Operating Temperature       | -20°C ~60°C with air flow (SSD)   |
| Humidity                    | 10% ~ 95%, non-condensing   |
| <b>Dimensions</b>           |   |
| Dimensions                  | 265 x 134 x 56.7  |
| <b>Weight</b>               |   |
| Weight                      | 2.4 kg/4.2 kg   |
| <b>Color</b>                |   |
| Color                       | Silver  |
| <b>Expansion Slots</b>      |   |
| Expansion Slots             | 1 x Full-size PCIe Mini (supports mSATA, SATA 6Gb/s signal only)                                |
|                             | 1 x Half-size PCIe Mini (only for iRIS-1010)  |
| <b>Option</b>               |   |
| iRIS                        | 1 x iRIS-1010 (optional)  |

## Ordering Information

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ECN-380-QM87i-WD-QGW-R10

Fanless embedded system with Intel® Core™ i5-4400E 2.7 GHz, TDP 37W, 2 x HDMI™, 1 x VGA, 2 x 2.5" SATA HDD bay, 8GB memory pre-installed, iRIS-1010, with QTS-gateway, 9 V~36V DC, RoHS