

# 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