

# ECN-380-QM87

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

I/O Interface	
I/O Ports	2 x USB 3.0
	4 x USB 2.0
	Ethernet:
	2 x RJ-45
	LAN1: Intel® I217LM PHY with Intel® AMT 9.0 support
	LAN2: Intel® I210-AT PCIe controller
	2 x RS-232
	2 x HDMI™
	1 x VGA
	Resolution:
	VGA: Up to 1920 x 1200@60Hz
	HDMI™: Up to 2500 x 1600@60Hz
	Audio: 1 x Line-out, 1 x Mic-in
	Wireless
	1 x 802.11b/g/n (optional)
Expansion Slots	
Expansion Slots	PCIe Mini:
	1 x Full-size PCIe Mini (support mSATA, SATA 6Gb/s signal only)
	1 x Half-size PCIe Mini (only for iRIS-1010)
System	
Cooling method / System Fan	Fanless
Drive Bays	2 x 2.5" SATA HDD/SSD bay
Physical Characteristics	
Construction	12 V@4.6 A(Intel® mobile Core™ i5-4400E with 4GB 1333MHz DDR3 memory)
Color	
Color	Silver
Dimensions	
Dimensions	265 x 134 x 56.7

Weight	
Weight	2.4 kg/4.2 kg
Environment	
Operating Temperature	-10°C~60°C with air flow (SSD)
Humidity	5% ~ 95%, non-condensing

## Ordering Information

ECN-380-QM87i-i5/WD/4G-R11	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, 4GB memory pre-installed, iRIS-1010, 9 V~36V DC, RoHS
ECN-380-QM87i-i5/4G-R11	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, 4GB memory pre-installed, iRIS-1010, 12 V DC, RoHS
ECN-380-QM87i-C/WD/4G-R11	Fanless embedded system with Intel® Celeron® 2000E 2.2 GHz, TDP 37W, 2 x HDMI™, 1 x VGA, 2 x 2.5" SATA HDD bay, 4GB memory pre-installed, iRIS-1010, 9 V~36 V DC, RoHS
ECN-380-QM87i-C/4G-R11	Fanless embedded system with Intel® Celeron® 2000E 2.2 GHz, TDP 37W, 2 x HDMI™, 1 x VGA, 2 x 2.5" SATA HDD bay, 4GB memory pre-installed, iRIS-1010, 12 V DC, RoHS