

# ECN-581A-QM57

Intel® Mobile Core™ i5 Dual DVI Display Multimedia Box

The ECN-581A Series has a high performance graphics engine with full AVC, VC-1 and MPEG2 decoding acceleration as well as 1080p HD digital output for large-sized panels which make it an ideal system for digital signage.

## Features

- ◆ Supports Socket G Intel® 32 nm mobile processor Intel® Core™ i5-520M
- ◆ Dual DVI independent display support
- ◆ DDR3 800/1066 MHz SDRAM supported up to 4GB
- ◆ Intel® GbE LAN with Intel® AMT 6.0 supported
- ◆ 12V DC power input
- ◆ Optional wireless by PCIe mini card



## Specifications

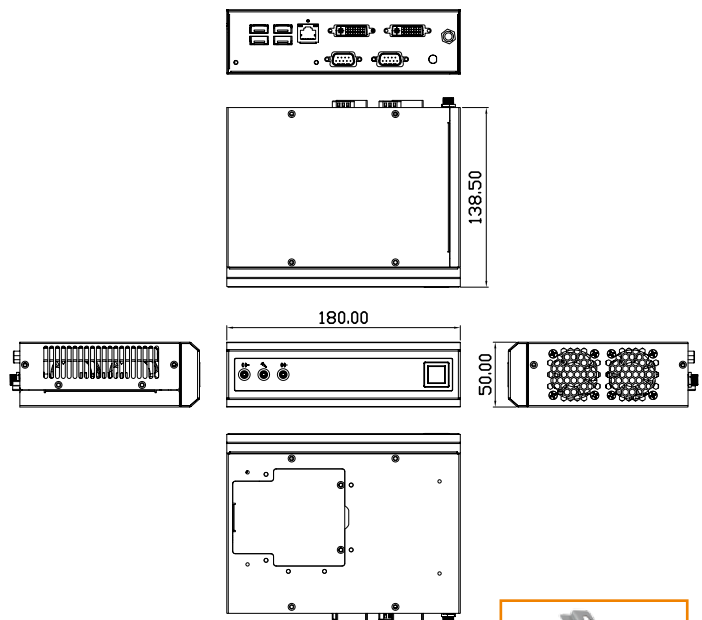
SBC	NANO-QM57A
Processor	Intel® Core™ i5-520M
Chipset	Intel® mobile QM57
System Memory	Pre-install 1 x 2 GB DDR3 SDRAM SO-DIMM (max: 4GB)
Ethernet	One Intel® 82577 PCIe LAN controller (with Intel® AMT 6.0)
Display	1 x DVI-D (1920x1200) 1 x DVI-I (supports VGA by DVI to VGA adaptor)
USB 2.0	4
Serial Port	2 x RS-232
Audio	1 x mic in, 1 x line out, 1 x line in (front panel)
Storage	Supports 1 x 2.5" SATA HDD space
Expansions	1 x PCIe mini card slot, reserved for WiFi
Power Input	12 V DC in
Power consumption	12V@4.18A (Intel® Core™ i5-520M 2.66G, DDR3 2GB)
Operating Temperature	-10°C ~ 50°C (with HDD) with air flow*
Operating shock	Half-sine wave shock 3 G; 11ms; 3 shocks per axis (SSD)
Operating Vibration	MIL-STD-810F 514.5C-2 (SSD)
Weight (Net/Gross)	1.1 kg / 2 kg
Dimensions (DxWxH)	180 mm (W) x 138 mm (D) x 50 mm (H)
Mounting	Desktop, wall mount, VESA mount

## Intel® AMT 6.0

The ECN-581A-QM57 is integrated with the Intel® QM57 Express Chipset that supports Intel® Active Management Technology for remote management. The Intel® AMT allows IT staff to better discover and protect networked computing assets. Benefits include better asset management, fewer desk side visits and downtime reduction.



## Dimensions (Unit: mm)



Wall Mount bracket

## Packing List

1 x QIG	1 x Screw set
2 x Wall mount bracket	1 x Driver CD
1 x 60W 12V power adaptor (P/N: 63000-FSP060DBAB1552-RS)	1 x Power cord
1 x 2dbi wireless antenna (for wireless model only)	

## Ordering Information

Part No.	Description
ECN-581A-R11/QM57-I5/2GB	Embedded system with NANO-QM57A, Intel® Core i5-520M Processor 3M Cache 2.40 GHz, with dual DVI display support iAMT6.0, with 2GB DDR3 memory, 12VDC, 60W power adaptor with ERP and PSE certificates, Reflex Blue C + 8403C, RoHS
ECN-581AW-R11/QM57-I5/2GB	Embedded system with NANO-QM57A, Intel® Core i5-520M Processor 3M Cache, 2.40 GHz, with dual DVI display support iAMT6.0, built-in 802.11b/g/n wireless, with 2GB DDR3 memory, 12VDC, 60W power adaptor with ERP and PSE certificates, Reflex Blue C + 8403C, RoHS