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 makes it an ideal system for digital signage.

Features

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

DVI-I

DVI to VGA Adapter
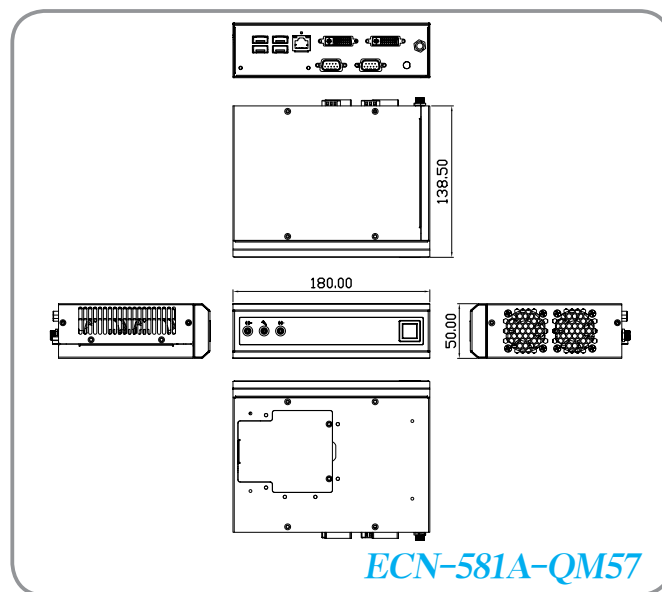
One Key Recovery
iEi symantec.

Dual Display

Specifications

Model Name	ECN-581A-QM57
SBC	NANO-QM57A
Processor CPU	Intel® Core™ i5-520M 2.4 GHz
Chipset	Intel® Mobile QM57
System Memory	Pre-installed one 2 GB DDR3 SDRAM SO-DIMM (max: 4GB)
Ethernet	One Intel® 82577 PCIe LAN controller (supports Intel® AMT 6.0)
Display	1 x DVI-D (1920x1200) 1 x DVI-I (supports VGA by DVI to VGA adapter)
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 one 2.5" SATA HDD
Expansions	1 x PCIe Mini card slot, reserved for Wi-Fi
Power Input	DC Jack: 12 V DC in
Power Consumption	12V @ 4.18A (Intel® Core™ i5-520M 2.66G, DDR3 2 GB)
Operating Temperature	-10°C ~ 50°C (with HDD) with air flow*
Operating Shock	Half-sine wave shock 3G, 11ms, 3 shocks per axis (SSD)
Operating Vibration	MIL-STD-810F 514.5C-2 (SSD)
Weight (Net/Gross)	1.1 kg/2 kg
Dimensions (WxDxH) (mm)	180 x 138 x 50
Mounting	Desktop, wall mont

Intel® AMT 6.0

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

Dimensions (Unit: mm)

138.50

180.00

50.00

ECN-581A-QM57

Packing list

1 x QIG	1 x Screw set
2 x Wall mount bracket	1 x Driver CD
1 x 60W 12 V power adapter (with PSE/ErP Certified) (Part No.: 63040-010060-040-RS)	1 x Power cord
1 x 2dbi Wireless antenna (for wireless model only)	1 x One Key Recovery CD

Ordering information

Wall Mount bracket

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, Intel® AMT6.0, with 2 GB DDR3 memory, 12 V DC, 60W power adapter 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, Intel® AMT6.0, built-in TELEC Certified 802.11b/g/n wireless, with 2 GB DDR3 memory, 12 V DC, 60W power adapter with ErP and PSE certificates, Reflex Blue C + 8403C, RoHS

1 Industrial Computing Solutions

2 Video Capture Solutions

3 Embedded Computing Solutions

4 ORing Network Communication

5 Power Supply/ Peripherals

6 Panel Solutions Introduction