

# REA135A

PERFECTRON

Intel® QM77 Embedded System with Intel® Ivy Bridge Core™ i7 Processor, 9V to 24V



## Main Features

- Supports Intel® 22nm Ivy Bridge Processor (Mobile, rPGA988)
- 2 x DDR3 SO-DIMM up to 16 GB
- Supports 2.5" SATA HDD/SSD & CF-SATA socket
- 6 x COM ports
- Triple Displays (HDMI/DVI/VGA)
- 16-bit DIO (8 in/8 out)
- 1 x LPT
- 1 x Mini PCI\_e
- 4 x USB 3.0
- Dual GbE LAN ports

## ► Specifications

### System

CPU	Intel® 22nm Ivy Bridge Processor (Mobile) socket (rPGA988)
Chipset	Intel® QM77
Memory	2 x 204-pin SO-DIMM DDR3 1333/1600 MHz up to 16 GB
Expansion Slot	1 x Mini-PCIe
Storage Device	1 x 2.5" SATA HDD/SSD
CFast	1 x CFast socket

### Front I/O

COM	5 x RS232
LPT	1
DIO	2 x 10-pole terminal block(16 bit DIO, 8 in/8 out)
Power Button	Yes
Power LED	Yes
HDD LED	Yes

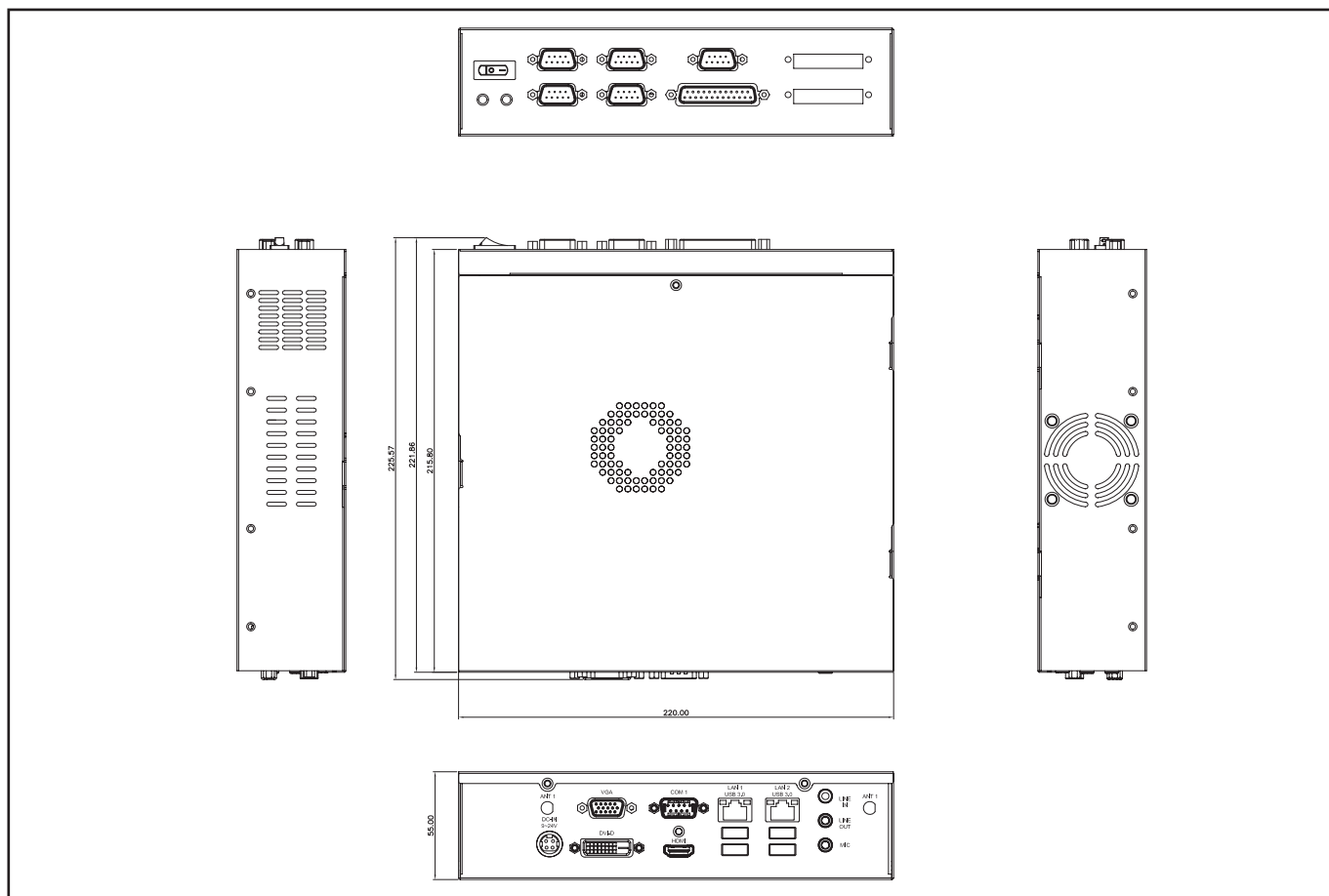
### Rear I/O

VGA	1
DVI-D	1
HDMI	1
Ethernet	2 x RJ45
Audio	Mic-in, Line-in, Line-out
COM	1 x RS232/422/485
USB	4 x USB 3.0
Antenna	Reserved two antenna holes
DC-Jack	1

### Mechanical & Environment

Power Requirement	9V to 24V DC-in
Dimension (W x H x D)	220 x 55 x 216 mm (8.7" x 2.2" x 8.5")
Operating Temp.	-20 to 60°C
Storage Temp.	-20 to 80°C
Relative Humidity	10% to 90%, non-condensing
Certifications	CE, FCC

## ▶ Mechanical Drawing



## ▶ Packing List

- REA135A Embedded System
- Driver CD

## ▶ Optional Accessories

### Power Adapter

19V, 120W AC/DC power adapter w/o power cord

### Mounting Kit

Wall mount kit

## ▶ Ordering Information

### Modules

Model Number	Description
REA135A	Intel® 22nm Ivy Bridge Processor (Mobile) socket (rPGA988), Embedded System, 9V to 24V

