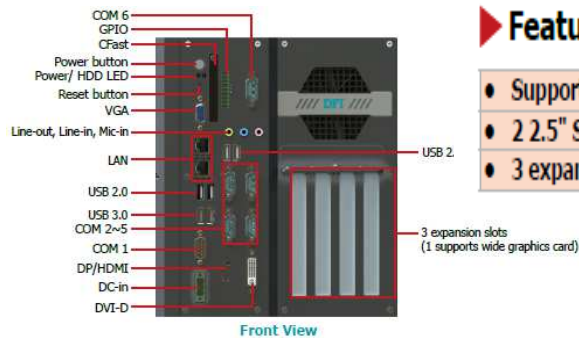


EC531-HM

Robust Box PC mit

4rd Generation Intel® Core i7/i5/i3 CPU



► Features

- Supports DDR3L SODIMM up to 16GB
- 2 2.5" SATA drive bays, 1 CFast socket
- 3 expansion slots (1 supports wide graphics card)

► Specifications

PROCESSOR SYSTEM

- CPU
 - 4th Generation Intel® Core™ processors (22nm process technology)
 - : Intel® Core™ i5-4400E, 3M Cache, up to 3.3 GHz, 37W
 - : Intel® Core™ i3-4100E, 3M Cache, up to 2.4 GHz, 37W
- Chipset: Intel® HM86 Express Chipset

MEMORY

- Two 204-pin DDR3L SODIMM sockets
- Supports DDR3L 1333/1600MHz
- Supports up to 16GB system memory
- Supports dual channel memory interface

GRAPHICS

- Intel® HD Graphics 4600
- Display ports: DP/HDMI, DVI-D, VGA
- DP resolution up to 3840x2160 @ 60Hz
- HDMI resolution up to 4096x2304 @ 24Hz or 2560x1600 @ 60Hz
- DVI-D resolution up to 1920x1200 @ 60Hz
- VGA resolution up to 1920x1200 pixels with 24-bit color @ 60Hz

STORAGE

- 2 2.5" SATA drive bays
- 1 CFast socket
- Supports 1 mSATA module via the mini PCIe socket

ETHERNET

- Intel® I210 PCI Express Gigabit Ethernet controller
- Intel® I217LM with iAMT9.0 Gigabit Ethernet Phy
- Integrated 10/100/1000 transceiver
- Fully compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab

AUDIO

- Realtek ALC886 5.1-channel High Definition Audio
- S/PDIF audio interface

EXPANSION

- 1 PCIe x16 slot
- 2 PCI slots
- 1 Mini PCIe slot
 - Supports USB and PCIe signals
 - Supports mSATA or Wi-Fi
 - Supports half size or full size Mini PCIe card

POWER

- Power input voltage: 9~36V DC-in

FRONT PANEL I/O PORTS

- 1 power button with LED
- 1 reset button
- 1 power LED
- 1 HDD LED
- 1 VGA port
- 2 RJ45 LAN ports
- 4 Type A USB 2.0 ports
- 2 Type A USB 3.0 ports
- 6 DB-9 RS232/422/485 serial ports (with power)
- 1 9~36V DC-in 3-pole terminal block
- 1 8-bit DIO 10-pole terminal block
- Mic-in, Line-in, Line-out
- 1 DVI-D port
- 1 DP/HDMI port

ENVIRONMENT

- Temperature
 - Operating: 0°C ~ 55°C (SSD/mSATA/CFast)
 - Operating: 0°C ~ 50°C (HDD)
 - Storage: -20°C ~ 85°C
 - Humidity: 5% ~ 90%
- Operating Vibration
 - MIL-STD-810F 514-5C-1
- Operating Shock
 - Half sine wave 3G, 11ms, 3 shock per axis

CONSTRUCTION

- Aluminum + SGCC

MOUNTING

- Wall mount
 - Mounting brackets and screws (optional)

DIMENSIONS

- 206.50mm x 235mm x 226.35mm (W x H x D)

WEIGHT

- TBD

OS SUPPORT

- Windows 7 Embedded, Windows 7, Windows 8, Windows 8 Embedded, Linux Fedora, Linux Kernel

OTHER FEATURES

- Watchdog timeout programmable via software from 1 to 255 seconds