

# TANK-860-HM86

Intel® HM86 移动解决方案. 无风扇宽温嵌入式系统



## Features

- » Intel® HM86 芯片组 + 第四代 Intel® Core™ CPU
- » 扩展槽具有极大灵活性
- 2-插槽 型: 2 x PCIe by 16, 1 x PCIe Mini 插槽
- 4-插槽 型: 2 x PCIe by 16, 2 x PCI, 2 x PCIe Mini 插槽
- 6-插槽 型: 1 x PCIe by 16, 2 x PCIe by 4, 3 x PCI, 2 x PCIe Mini 插槽
- » IPMI 功能适用于用于远程控制管理
- » 三个独立的视频输出支持高分辨率
- » 2 x 2.5" SATA HDD bay 设计满足高存储需求

## Specifications

| Form factor     |                                                          |
|-----------------|----------------------------------------------------------|
| SBC Form Factor | CPU:                                                     |
|                 | Intel® Core™ i5-4400E 2.7 GHz                            |
|                 | Chipset: Intel® HM86                                     |
|                 | System Memory                                            |
|                 | 2 x 204-pin DDR3 SO-DIMM slot.                           |
|                 | Pre-installed one 4 GB SO-DIMM(system max: 16 GB)        |
| I/O Interface   |                                                          |
| I/O Ports       | 4 x USB 3.0                                              |
|                 | 2 x USB 2.0                                              |
|                 | Ethernet:                                                |
|                 | 2 x RJ-45                                                |
|                 | 1 x PCIe GbE by Intel® I210                              |
|                 | 1 x PCIe GbE by Intel® I217LM                            |
|                 | COM Port:                                                |
|                 | 4 x RS-232 (DB-9, two with isolation)                    |
|                 | 2 x RS-422/485 (RJ-45)                                   |
|                 | Digital I/O: 8-bit digital I/O, 4-bit input/4-bit output |
|                 | Display:                                                 |
|                 | 1 x VGA, 1 x DVI-I, 1 x DisplayPort                      |
|                 | Resolution                                               |
|                 | VGA: Up to 1920 x 1200@60Hz                              |
|                 | DVI-I: Up to 2500 x 1600@60Hz                            |
|                 | Displayport: 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 | PCI/PCIe                                                 |

|                             |                                                                    |
|-----------------------------|--------------------------------------------------------------------|
|                             | 2 A: Two PCIe x8 (physical PCIe x16 slot)                          |
|                             | 4 A: Two PCIe x8 (physical PCIe x16 slot) +2 x PCI                 |
|                             | 6 A: One PCIe x8 (physical PCIe x16 slot) +two PCIe x4 + three PCI |
|                             | PCIe Mini                                                          |
|                             | 2A: 1 x Full-size (co-lay mSATA)                                   |
|                             | 4A: 1 x Full-size (co-lay mSATA) +1 x Full-size (on backplane)     |
|                             | 6A: 1 x Full-size (co-lay mSATA) +1 x Full-size (on backplane)     |
| <b>System</b>               |                                                                    |
| Cooling method / System Fan | Fanless                                                            |
| Drive Bays                  | 2 x 2.5" SATA 6Gb/s HDD/SSD bay                                    |
| <b>Color</b>                |                                                                    |
| Color                       | Black C + Silver                                                   |
| <b>Dimensions</b>           |                                                                    |
| Dimensions                  | 2 slot: 121.5 x 255.2 x 205                                        |
|                             | 4 slot: 154.8 x 255.2 x 205                                        |
|                             | 6 slot: 195.4 x 255.2 x 205                                        |
| <b>Environment</b>          |                                                                    |
| Operating Temperature       | -20°C ~ 60°C with air flow (SSD)                                   |
| Humidity                    | 5% ~ 95%, non-condensing                                           |

## Ordering Information

|                             |                                                                                                                                                                                                                                          |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TANK-860-HM86i-i5/4G/2A-R10 | Ruggedized Fanless embedded system , Intel Core i5 dual-core i5-4400E 2.7GHz, TDP 37W, 4GB DDR3 pre-installed memory , 2 x PCIe by 8 expansion, VGA/DVI-I/Displayport, iRIS-2400 optional, 9~36V DC, RoHS, R10                           |
| TANK-860-HM86i-i5/4G/6A-R10 | Ruggedized Fanless embedded system , Intel Core i5 dual-core i5-4400E 2.7GHz, TDP 37W, 4GB DDR3 pre-installed memory , 1 x PCIe by 8 / 2 x PCIe by 4 / 3 x PCI expansion, VGA/DVI-I/Displayport, iRIS-2400 optional, 9~36V DC, RoHS, R10 |
| TANK-860-HM86i-i5/4G/4A-R10 | Ruggedized Fanless embedded system , Intel Core i5 dual-core i5-4400E 2.7GHz, TDP 37W, 4GB DDR3 pre-installed memory , 2 x PCIe by 8 / 2 x PCI expansion, VGA/DVI-I/Displayport, iRIS-2400 optional, 9~36V DC, RoHS, R10                 |

## Packing List

|          |          |
|----------|----------|
| 1 x 机箱螺丝 | 1 x 安装支架 |
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