

# iKERN-T052-K200

## Midi-Tower Industrial Workstation



## Specifications

### CPU

- Intel® Core™ i3/i5/i7 / Xeon 9th/8th Generation:

| E-2176G  | E-2126G   | E-2124G | i7-9700  | i7-9700E | i5-9500E | i5-9500TE |
|----------|-----------|---------|----------|----------|----------|-----------|
| 3.7 GHz  | 3.7 GHz   | 3.7 GHz | 3.0 GHz  | 2.6 GHz  | 3.0 GHz  | 2.2 GHz   |
| i3-9100E | i3-9100TE | i7-8700 | i7-8700T | i5-8500  | i5-8500T | i3-8100   |
| 3.1 GHz  | 2.2 GHz   | 3.2 GHz | 2.4 GHz  | 3.0 GHz  | 2.1 GHz  | 3.6 GHz   |

### Memory

- 4x 288-pin DIMM sockets
- Supports up to 64GB DDR4 2666/2400/2133, unbuffered, None ECC or ECC

### Chipset

- Intel® C246

### Graphic

- Integrated in CPU Intel® UHD Graphics 630 / 610  
Support DirectX 12, OpenGL 4.5, OpenCL 2.x, Triple View
- Video ports: 2x Display Port, DVI-D
- DP 1.2: resolution up to 4096x2304 @ 60Hz
- DVI-D: resolution up to 1920x1200 @ 60Hz

### Ethernet

- 1x Intel® I219LM Gigabit Ethernet Controller (Intel iAMT/vPro)
- 1x Intel® i210AT Gigabit Ethernet Controller (Intel iAMT/vPro)

### Storage / Drive Bays / Slots

- 4x 3.5"
- 3x 5.25" (optional pre-assembled with DVDRW)
- 1x 2280 M.2 M-Key (PCIe 3.0 x4) Slot

### RAID / SATA

- 6x SATA 3.0 (Support RAID 0/1/5/10)

### Expansion Slots

- 2x PCIe x16 Gen 3 (1 x16 signal, 1 x4 signal)
- 3x PCIe x1 Gen 3 (in x8 Open slot)
- 1x PCIe x1 Gen 3 (in Open slot)
- 2x PCI 32-bit/33 MHz
- 1x 2230 M.2 E-Key Slot

### Front I/O

- 2x USB 2.0

### Rear I/O

- 2x DP, 1x DVI-D, 2x RJ45 LAN, 1x DB9 RS232
- 2x USB 3.1 Gen1, 2x USB 3.1 Gen2 Type-C, 4x USB 2.0
- Line-in/out, Mic-in

### Other Internal Connectors / Functions

- 3x RS232, 2x USB 3.2 Gen1, 1x USB 3.1 Gen2 Vertical Type-A
- 1x 8-bit GPIO, Infineon SLB9670 TPM V2.0

### Power Supply

- Power input: 500W, 100-240V AC 50~60 Hz, 80 Plus Gold

### Cooling

- 1x 120mm PWM Fan (Rear)

### Mechanical

- Heavy Duty Steel
- Mounting: Desktop
- Power / Reset Button in front

### Dimensions

- Dimension (W x H x D mm): 198 x 425 x 465 mm
- Weight: 13.3 kg

### Environment

- Operating Temperature: 0°C to 50°C
- Storage Temperature: -20°C to 70°C
- Humidity: 10 ~ 90%, non-condensing

### Certifications

- CE

### Operating System Support

- Windows 10 /11 Pro / Windows 10 IoT LTSC / 11 IoT LTSC

### Ordering Information

#iKERN-T052-K200