

# 3U桌面型箱体电脑（紧凑型）

## CIS-CH11-FA01



Front



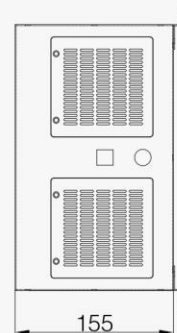
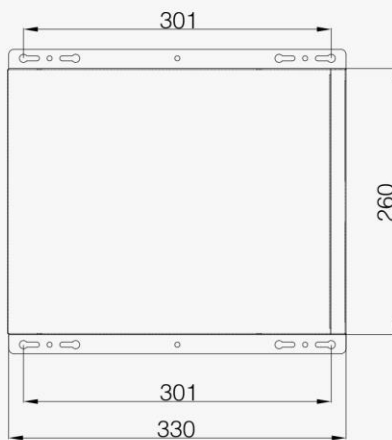
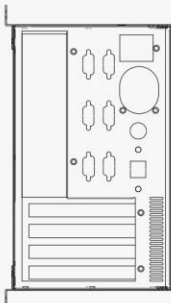
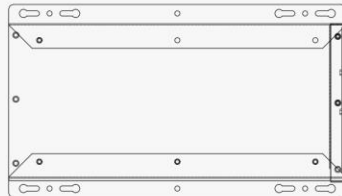
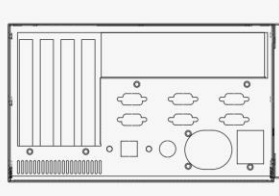
Rear



### 特性 Characteristic

- 3U Desk-mount PC
- Intel® 6th/7th/8th/9th generation Core™ i7/i5/i3/Pentium®/Celeron® CPU ( up to 95W )
- Dual channel ( Non-ECC ) DDR4 2666 up to 32GB
- VGA, HDMI and DVI-D display
- 1x PCIe x16 ( Gen3 ) , 1x PCIe x4 ( Gen2 ) , 2x PCI
- 1 x 3.5 inches hard disk drive ( SATA3.0 )
- OS Recovery
- TPM Module
- 16-bit Programmable GPIO
- KB lock, Case open
- USB self-recovery, 5V/5VSB power optional

### 六视图 Dimension



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### 规格 Specification

#### 系统 System

处理器 Processor	6th/7th/8th/9th generation Intel® Core™/Pentium®/Celeron® LGA 1151 Socket Processors with TDP up to 95W
芯片组 chipset	Intel® H110 Chipset
内存 Memory	DDR4 2666 MHz DIMM x2, Max to 32GB ( 16GB per DIMM )
BIOS	AMI 128Mbit SPI Flash
图形 Graphics	Intel® Integrated Graphics
操作系统 OS	Windows 7 32/64bit; Windows 10 64bit; Linux
看门狗定时器 Watchdog Timer	System reset, programmable 255 levels timer interval, from 1~255 sec/min

#### 扩展接口 Expansion slot

接口 Interface	1 x PCIe x16 ( Gen3 ) , 1 x PCIe x4 ( Gen2 ) , 2 x PCI
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#### 前部 I/O Front I/O

开关	1 x Power Button w/power LED
USB	2 x USB 2.0
Fan	2 x 8025 system fan ( 可替换式过滤网 )

#### 后部 I/O Rear I/O

网口 Ethernet	2 x RJ45 Controller1 Intel® I211-AT GbE ( 10/100/1000 Mbps ) Controller2 Intel® I219-V GbE ( 10/100/1000 Mbps )
显示 Display	1 x VGA: max resolution up to 1920 x 1200@60Hz 1 x HDMI: max resolution up to 4096 x 2160@24Hz 1 x DVI-D: max resolution up to 1920 x 1200@60Hz 支持双屏异显
音频 Audio	1 x Line-in, 1 x Line-out, 1 x Mic-in, 选配, 默认不上件
串口 COM	1 x COM ( RS232/422/485 auto-flow ) , 带有5V/12V power, 默认无供电
USB	6 x USB 3.2 ( Gen1 ) , 2 x USB 2.0

#### 电源 Power

电源输入 Power Input	ATX
ATX power	250W / 350W Flex ATX power
接口 Interface	24Pin ATX power, 8Pin ATX 12V power

#### 环境 Environmental

操作温度 Operation Temp.	0°C ~ 40°C ( HDD )
存储温度 Storage Temp.	-40°C ~ 60°C
操作湿度 Operating Relative Humidity	40°C 95%RH ( HDD )
存储湿度 Storage relative Humidity	60°C 95%RH 非凝露Non-condensing
随机振动 Random Vibration	5~500Hz, 2Grms ( SSD ) operation, 5~500Hz, 1Grms ( HDD ) operation
正弦振动 Sine Vibration	5~500Hz, 2G Non-operation
机械冲击 Shock	Operation: 10G@11ms; Non-operation: 20G@11ms

#### 内部接口 Internal I/O

扩展接口 Interface	1 x Full-size Mini-PCIe Slot ( 与PCIe x 4复用 ) 1 x M.2 2280 slot ( 与SATA1复用 )
串口 COM	1 x COM ( RS232/422/485 auto-flow ) , 支持5V/12V供电, 默认无供电 4 x COM ( RS232 )
USB	1 x Vertical USB 2.0 type A; 2 x USB 2.0 ( 2.54mm pitch )
SATA	4 x SATA 3.0 ( up to 6Gb/s )
GPIO	1 x 16bit programmable GPIO, default 为8in/8out
音频 Audio	1 x Front Audio ( Line-out/Mic-in ) 默认不上件
LPT	1 x LPT connector
PS/2	1 x PS/2 connector 6pin
SIM	1 x SIM Card Slot
FAN	1 x CPU fan ( 4Pin support smart fan ) 2 x System fan ( 4Pin support smart fan ) , BIOS侦测风扇状态
SPI	1 x SPI connector
SMBus	1 x SMBus connector
KB lock	1 x KB lock pin header
OS Recovery	1 x OS Recovery pin header
Case open	1 x Case open pin header
安全 Security	1 x TPM 2.0 pin header
LAN LED	1 x LAN LED pin header
Front panel	1 x front panel ( 10 pin connector ) 包含开关, Reset、Power、HDD LED

#### 机构 Mechanical

尺寸 Dimension	330 x 260 x 155mm
安装方式 Mounting	桌面式 ( Desk-Mount )

#### 认证 Certification

安规认证 Safety Certification	CCC
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