

# WM343-CS330 H310 Q370

8th/9th Gen Intel® Core™  
Desktop Box IPC

## KEY FEATURES



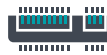
### Upgraded CPU

Powered by 8th/9th Gen Intel® Core™



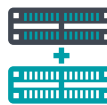
### Triple Independent Display

VGA + DVI-D + DP++



### 4 Expansion Slots

3.5"/2.5" SATA + 5.25" optical drive bay



### Multiple Expansion

Support 1 PCIe x16, 1 PCIe x4, 2 PCI, 1 Mini-PCIe socket



### 15 Years Long Term Support

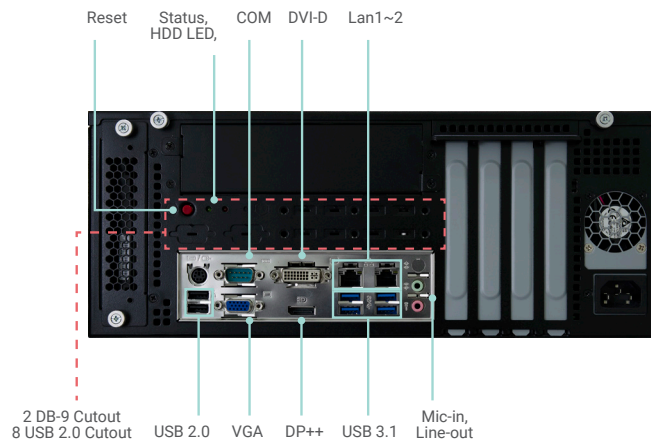
15-Year CPU Life Cycle Support Until Q3' 33



## PANEL

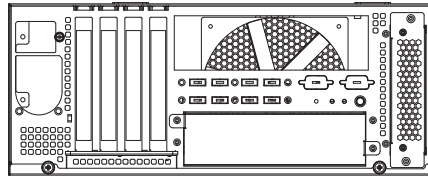


Front View

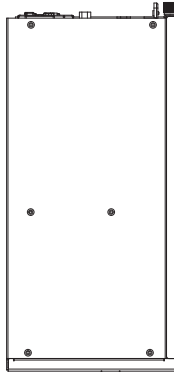


Rear View

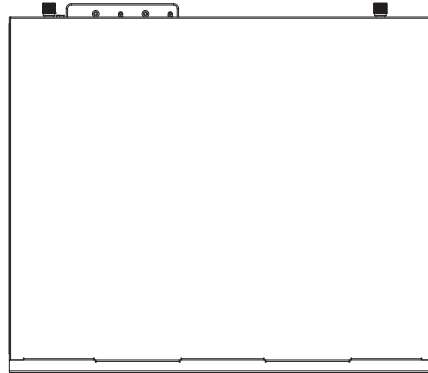
## DIMENSIONS



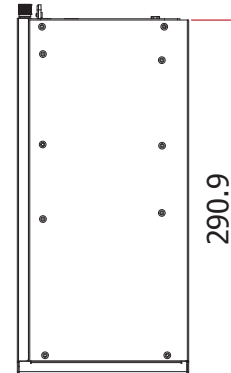
Rear View



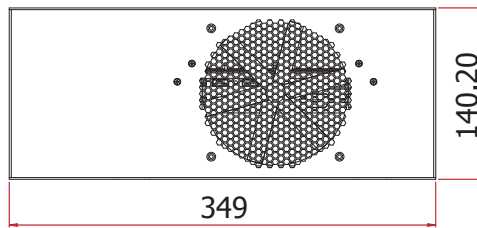
Left View



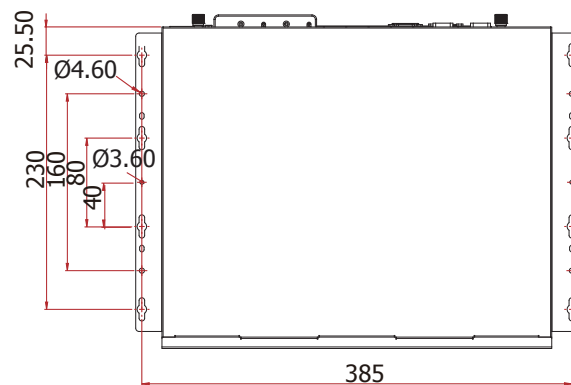
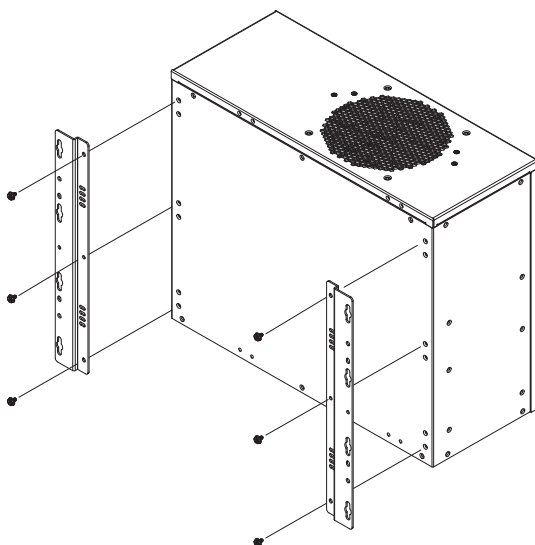
Front View



Right View



## WALL MOUNTING



## SPECIFICATION

|                |                   |   |   |
|----------------|-------------------|---|---|
| SYSTEM         | Processor         | 8th Generation Intel® Core™ /Pentium®/Celeron® LGA 1151 Socket Processors:<br>Intel® Core™ i7-8700K (6 Cores, 12M Cache, up to 4.7 GHz); 95W<br>Intel® Core™ i7-8700 (6 Cores, 12M Cache, up to 4.6 GHz); 65W<br>Intel® Core™ i7-8700T (6 Cores, 12M Cache, up to 4.0 GHz); 35W<br>Intel® Core™ i5-8500 (6 Cores, 9M Cache, up to 4.1 GHz); 65W<br>Intel® Core™ i5-8500T (6 Cores, 9M Cache, up to 3.5 GHz); 35W<br>Intel® Core™ i3-8100 (4 Cores, 6M Cache, 3.6 GHz); 65W<br>Intel® Core™ i3-8100T (4 Cores, 6M Cache, to 3.1 GHz); 35W<br>Intel® Pentium® G5400 (2 Cores, 4M Cache, 3.7 GHz); 58W<br>Intel® Pentium® G5400T (2 Cores, 4M Cache, 3.1 GHz); 35W<br>Intel® Celeron® G4900 (2 Cores, 2M Cache, 3.1 GHz); 54W<br>Intel® Celeron® G4900T (2 Cores, 2M Cache, 2.9 GHz); 35W<br>9th Generation Intel® Core™ LGA 1151 Socket Processors:<br>Intel® Core™ i9-9900K (8 Cores, 16M Cache, up to 5.0 GHz); 95W (Non-LTS)<br>Intel® Core™ i7-9700TE (8 Cores, 12M Cache, up to 3.8 GHz); 35W<br>Intel® Core™ i5-9500E (6 Cores, 9M Cache, up to 4.2 GHz); 65W<br>Intel® Core™ i5-9500TE (6 Cores, 9M Cache, up to 3.6 GHz); 35W<br>Intel® Core™ i3-9100E (4 Cores, 6M Cache, 3.7 GHz); 65W<br>Intel® Core™ i3-9100TE (4 Cores, 6M Cache, to 3.2 GHz); 35W |   |
|                | Chipset           | Intel® H310/Q370  |   |
|                | Memory            | Q370 :<br>Four 288-pin DIMM up to 128GB<br>Dual Channel DDR4 2400/2666 MHz<br>H310 :<br>Two 288-pin DIMM up to 64GB<br>Dual Channel DDR4 2400/2666 MHz  |   |
|                | BIOS              | AMI SPI 128Mbit   |   |
| GRAPHICS       | Controller        | Intel® HD Gen 9 Graphics  |   |
|                | Feature           | OpenGL 5.0, DirectX 12, OpenCL 2.1<br>HW Decode: AVC/H.264, MPEG2, VC1/WMV9, JPEG/MJPEG, HEVC/H265, VP8, VP9<br>HW Encode: MPEG2, AVC/H264, JPEG, HEVC/H265, VP8, VP9   |   |
|                | Display           | 1 x VGA<br>1 x DVI-I (DVI-D signal)<br>1 x DP++   | VGA: resolution up to 1920x1200@60Hz<br>DVI-D: resolution up to 1920x1200@60Hz<br>DP++: resolution up to 4096x2160@60Hz |
|                | Dual Displays     | H310: VGA & DVI-D / VGA & DP++ / DP++ & DVI-D   |   |
|                | Triple Displays   | Q370: VGA & DVI-D & DP++  |   |
| STORAGE        | External          | 1 or 2 x 3.5"/2.5" SATA 3.0 drive bays (1 x 3.5" SATA drive bay, by default)<br>1 x 5.25" Optical drive bay   |   |
|                | Internal          | 1 x mSATA   |   |
|                | Interface         | <b>CS330-Q370 :</b><br>1 x PCIe x16 (Gen 3)<br>1 x PCIe x4 (Gen 3)<br>2 x PCI<br>1 x Full-size Mini PCIe (USB/PCIe/mSATA, PCIe by default)<br><b>CS330-H310 :</b><br>1 x PCIe x16 (Gen 3)<br>1 x PCIe x4 (Gen 2)<br>2 x PCI   |   |
| AUDIO          | Audio Codec       | Realtek ALC888  |   |
|                | Interface         | 1 x Line-out<br>1 x Mic-in  | 1 x Line-in (opt.)  |
| ETHERNET       | Controller        | 1 x Intel® I211AT (10/100/1000Mbps)<br>1 x Intel® I219V (10/100/1000Mbps)   |   |
| LED            | Indicators        | 1 x Power LED<br>1 x HDD LED  |   |
| REAR I/O       | Ethernet          | 2 x GbE (RJ-45)   |   |
|                | Serial            | 1 x RS-232/422/485 (RS-232 w/ power) (DB-9)   |   |
|                | USB               | 4 x USB 3.1 Gen 1<br>2 x USB 2.0  |   |
|                | Display           | 1 x VGA<br>1 x DVI-I (DVI-D signal)<br>1 x DP++   |   |
|                | Audio             | 1 x Line-out<br>1 x Mic-in  | 1 x Line-in (opt.)  |
|                | PS/2              | 1 x PS/2 (mini-DIN-6)   |   |
|                | Buttons           | 1 x Power button<br>1 x Reset button  |   |
|                | Cutout            | 2 x DB-9 Cutout<br>8 x USB 2.0 Cutout   |   |
| WATCHDOG TIMER | Output & Interval | System Reset, Programmable via Software from 1 to 255 Seconds   |   |
| SECURITY       | TPM               | Infineon TPM1.2/2.0 (optional)  |   |
| POWER          | Supply            | Flex ATX 150W/250W/350W/400W/500W (250W Default)  |   |
| COOLING        | Fan               | 1 x 12cm System Fan   |   |

## SPECIFICATION

|                              |                       |  |
|------------------------------|-----------------------|--|
| OS SUPPORT                   | Windows               | Windows 10   |
|                              | Linux                 | Linux  |
| ENVIRONMENT                  | Operating Temperature | 0 to 45°C  |
|                              | Storage Temperature   | 0 to 60°C  |
|                              | Relative Humidity     | 5 to 95% RH (non-condensing)                                     |
| MECHANICAL                   | Construction          | Sheet metal  |
|                              | Mounting              | Wall mount   |
|                              | Dimensions(W x H x D) | 349mm x 140.2mm x 290.9mm (13.74" x 5.52" x 11.45")              |
|                              | Weight                | 7.7kg  |
|                              | Color                 | no coating or black coating                                      |
| STANDARDS AND CERTIFICATIONS | Shock                 | Operating: 3G Non-operating: 5G                                  |
|                              | Vibration             | Operating: Random 5~500Hz 0.5G Non-operating: Sine 10~500Hz 1.5G |
|                              | Package Drop          | ISTA Project 1A  |
|                              | Certification         | CE, FCC Class A, RoHS  |

## ORDERING INFORMATION

| Model Name  | Part Number     | Description   |
|-------------|-----------------|---|
| WM343-CS330 | 750-WM3436-000G | WM343-CS, uATX System, Black, CS330-H310, 250W, F/G SYSTEM RoHS |
| WM343-CS330 | 750-WM3436-100G | WM343-CS, uATX System, Black, CS330-Q370, 250W, F/G SYSTEM RoHS |

## OPTIONAL ITEMS

| Optional Items | Part Number     | Description                                 |
|----------------|-----------------|---|
| Wall Mount     | 761-WM3410-000G | ACCESSORY WALL MOUNT KITS WM34x Series RoHS |

## PACKING LIST

|  |
|--|
| 1 WM343-CS330 System Unit                              |
| 1 CPU cooler   |
| 1 SATA Data Cable (Length: 650mm)                      |
| 4 HDD Screws   |
| 1 Quick Installation Guide                             |
| 1 PSU Flex ATX 150W/250W/350W/400W/500W (250W Default) |
| 1 System Fan   |