



# 6th/7th Gen Intel® Core™ Processor Desktop Box PC

## WM343-KD330

Q170  
H110

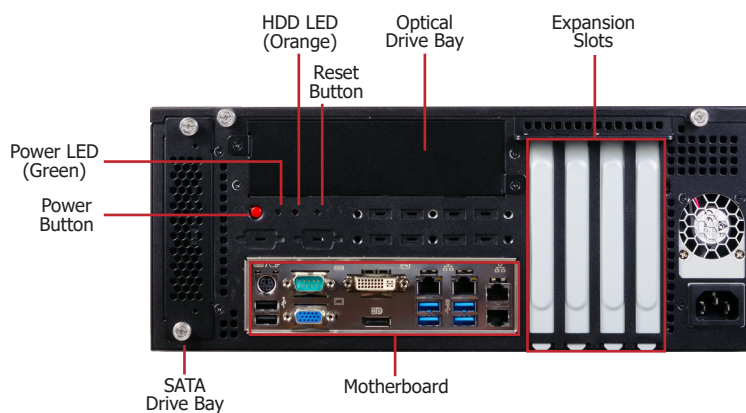


### ► Features

- 6th/7th Gen Intel Core Desktop/Wallmount Box PC
- Dual storage support
- One side I/O and 4 expansion slots
- Supports 1 PCIe x16, 1 PCIe x4, 1 PCI
- 12cm system fan

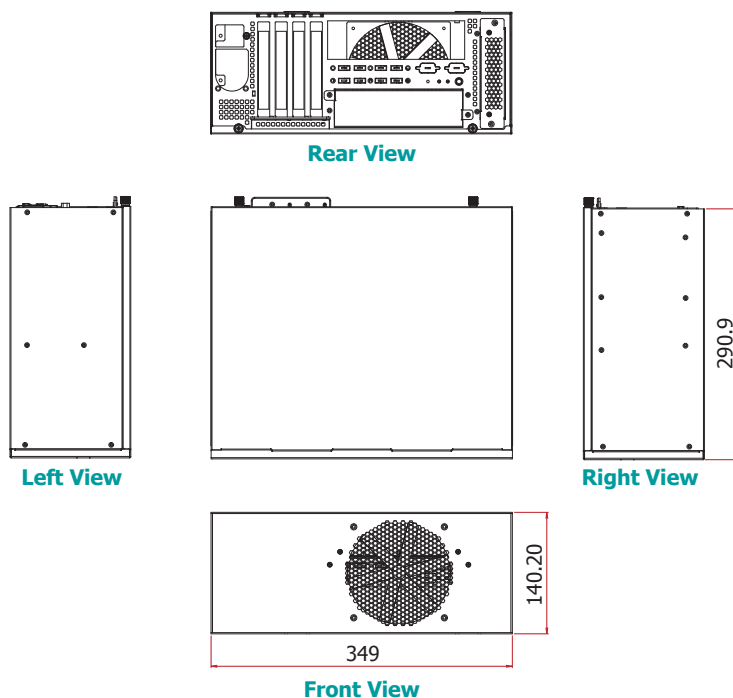


### ► Panel



Rear View

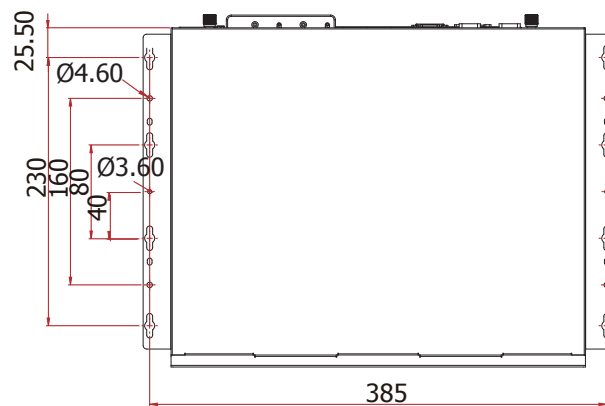
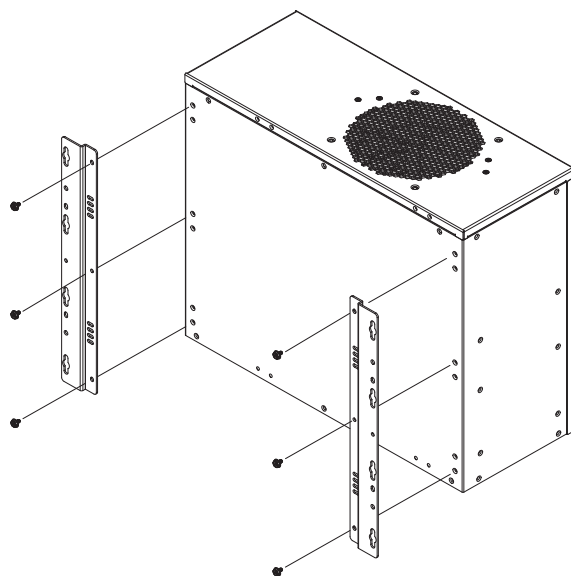
### ► Dimensions



## Specifications

|                              |                        |                                                                                                                                                                                                                                                                                            |                                                                                                                               |
|------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| SYSTEM                       | Processor              | 6th/7th Generation Intel® Core™ Processors, LGA 1151 Socket<br>Intel® Core™ i7-7700 Processor, Quad Core, 8M Cache, 3.6GHz (4.2GHz), 65W<br>Intel® Core™ i5-7500 Processor, Quad Core, 6M Cache, 3.4GHz (3.8GHz), 65W<br>Intel® Core™ i3-7101E Processor, Dual Core, 3M Cache, 3.9GHz, 65W |                                                                                                                               |
|                              | Chipset                | KD330-Q170: Intel® Q170 Chipset                                                                                                                                                                                                                                                            | KD330-H110: Intel® H110 Chipset                                                                                               |
|                              | Memory                 | KD330-Q170:<br>Four 288-pin DIMM up to 64GB<br>KD330-H110:<br>Two 288-pin DIMM up to 32GB                                                                                                                                                                                                  |                                                                                                                               |
|                              | BIOS                   | Insyde SPI 128Mbit                                                                                                                                                                                                                                                                         |                                                                                                                               |
|                              | Controller             | Intel® HD Gen 9 Graphics                                                                                                                                                                                                                                                                   |                                                                                                                               |
| 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 4096x2304 @ 60Hz |
|                              | Triple Displays        | VGA + DVI-I (DVI-D signal) + DP++                                                                                                                                                                                                                                                          |                                                                                                                               |
|                              | 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                                                                                                                                                                                |                                                                                                                               |
| STORAGE                      | Interface              | 1 x PCIe x16 (Gen 3)<br>1 x PCIe x4 (Gen 3)<br>1 x PCI<br>1 x Full-size Mini PCIe (USB/PCIe/mSATA, PCIe by default) (KD330-Q170 only)                                                                                                                                                      |                                                                                                                               |
| EXPANSION                    | Audio Codec            | Realtek ALC885-VD2-GR                                                                                                                                                                                                                                                                      |                                                                                                                               |
| AUDIO                        | Controller             | KD330-Q170:<br>1 x Intel® I211AT PCIe (10/100/1000Mbps)<br>1 x Intel® I219LM PCIe with iAMT11.0 (10/100/1000Mbps) (only Core i7/i5 supports iAMT)<br>KD330-H110:<br>1 x Intel® I211AT PCIe (10/100/1000Mbps)<br>1 x Intel® I219V PCIe (10/100/1000Mbps)                                    |                                                                                                                               |
| ETHERNET                     | Indicators             | 1 x Power LED<br>1 x Storage LED                                                                                                                                                                                                                                                           |                                                                                                                               |
| LED                          | Ethernet               | 2 x GbE (RJ-45)                                                                                                                                                                                                                                                                            |                                                                                                                               |
|                              | Serial                 | 1 x RS-232/422/485 (RS-232 w/ power) (DB-9)                                                                                                                                                                                                                                                |                                                                                                                               |
|                              | USB                    | 4 x USB 3.0<br>2 x USB 2.0                                                                                                                                                                                                                                                                 |                                                                                                                               |
|                              | PS/2                   | 1 x PS/2 (mini-DIN-6)                                                                                                                                                                                                                                                                      |                                                                                                                               |
|                              | Display                | 1 x VGA<br>1 x DVI-I (DVI-D signal)<br>1 x DP++                                                                                                                                                                                                                                            |                                                                                                                               |
|                              | Audio                  | 1 x Line-out, 1 x Mic-in                                                                                                                                                                                                                                                                   |                                                                                                                               |
|                              | Buttons                | 1 x Power Button, 1 x Reset Button                                                                                                                                                                                                                                                         |                                                                                                                               |
| REAR I/O                     | Fan                    | 1 x System Fan                                                                                                                                                                                                                                                                             |                                                                                                                               |
| COOLING                      | Output & Interval      | System Reset, Programmable via Software from 1 to 255 Seconds                                                                                                                                                                                                                              |                                                                                                                               |
| WATCHDOG TIMER               | TPM                    | Infineon TPM2.0 (optional)                                                                                                                                                                                                                                                                 |                                                                                                                               |
| SECURITY                     | Supply                 | Flex ATX 150W/250W/350W/400W/500W (250W Default)                                                                                                                                                                                                                                           |                                                                                                                               |
| POWER                        |                        | Windows 10                                                                                                                                                                                                                                                                                 |                                                                                                                               |
| OS SUPPORT                   |                        | Linux                                                                                                                                                                                                                                                                                      |                                                                                                                               |
| MECHANISM                    | 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                 | 7.58kg                                                                                                                                                                                                                                                                                     |                                                                                                                               |
| ENVIRONMENT                  | Operating Temperature  | 0 to 45°C                                                                                                                                                                                                                                                                                  |                                                                                                                               |
|                              | Storage Temperature    | 0 to 60°C                                                                                                                                                                                                                                                                                  |                                                                                                                               |
|                              | Relative Humidity      | 5 to 95% RH (non-condensing)                                                                                                                                                                                                                                                               |                                                                                                                               |
| 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                                                                                                                                                                                                                                                                      |                                                                                                                               |

► Wall Mounting



## ► Ordering Information

| Model Name         | Part Number     | Description                                                                       |
|--------------------|-----------------|-----------------------------------------------------------------------------------|
| <b>WM343-KD330</b> | 750-WM3434-000G | uATX System, Black, KD330-Q170, w/5.25" + 3.5" Bay, Flex ATX 250W F/G SYSTEM RoHS |
| <b>WM343-KD330</b> | 750-WM3434-100G | uATX System, Black, KD330-H110, w/5.25" + 3.5" Bay, Flex ATX 250W F/G SYSTEM RoHS |

## ► Optional Items

| Optional Items              | Part Number            | Description                                                             |
|-----------------------------|------------------------|-------------------------------------------------------------------------|
| <b>CPU</b>                  | Available upon request | CPU, LGA1151, Long-Term Support, RoHS                                   |
| <b>Memory</b>               | Available upon request | DIMM, DDR4 Module, 16GB, RoHS                                           |
|                             | Available upon request | DIMM, DDR4 Module, 8GB, RoHS                                            |
|                             | Available upon request | DIMM, DDR4 Module, 4GB, RoHS                                            |
| <b>2.5" HDD/SSD Support</b> | 531-510360-000G        | One F3 x5 Copper Standoff, RoHS (note: one bay needs 4 pcs of standoff) |
| <b>HDD</b>                  | 785-H351T0B            | 3.5" SATA HDD, 1TB, RoHS                                                |
|                             | 785-H35500G            | 3.5" SATA HDD, 500GB, RoHS                                              |
|                             | 785-H25500G            | 2.5" SATA HDD, 500GB, RoHS                                              |
|                             | 785-H25320G            | 2.5" SATA HDD, 320GB, RoHS                                              |
|                             | 785-S251TBG            | 2.5" SATA SSD, 1TB MLC, RoHS                                            |
|                             | 785-S25512G            | 2.5" SATA SSD, 512GB MLC, RoHS                                          |
|                             | 785-S25256G            | 2.5" SATA SSD, 256GB MLC, RoHS                                          |
|                             | 785-S25128G            | 2.5" SATA SSD, 128GB MLC, RoHS                                          |
|                             | 785-S25064G            | 2.5" SATA SSD, 64GB MLC, RoHS                                           |
| <b>Power Cord</b>           | 785-PWRD               | Power Cord, Standards (USA/EUR/CH), 1.8m, RoHS                          |
| <b>Wall Mount</b>           | 761-WM3410-000G        | WM343/WM341 Wall Mount Kit, RoHS                                        |

## ► Packing List

|                                                          |
|----------------------------------------------------------|
| • 1 WM343-KD330 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                                           |