**POLYHEX**
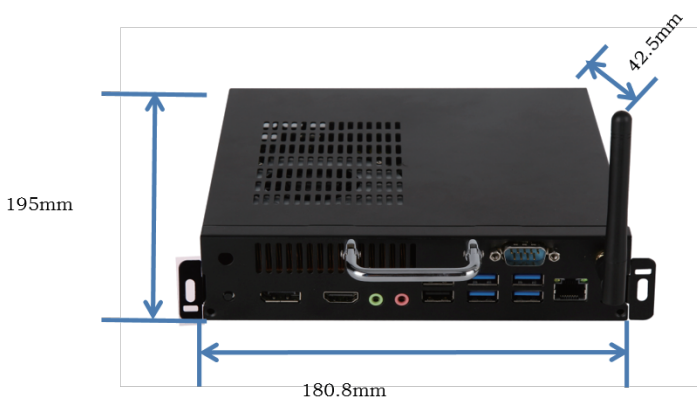
# Standard OPS System Supporting Intel 6th/7th/8th/9th Gen. Quad Core CPU

## Features:

· With H310-C chipset, supporting Intel 6/7/8/9th generation CPU

· Supports one-click system restoration, convenient for system maintenance

· Comes with DDR4 memory, expandable up to 16G

· Standard Intel OPS-C design





195mm

42.5mm

180.8mm

## Board Description:

OPS-H310C-D is a OPS system meeting standard Intel OPS design. Based on Intel H310-C chipset, it supports Intel 6th/7th/8th/9th Generation CPU. The model has multiple functional ports including DP+HDMI dual independent display, 1 LAN, 1 COM and 1 M.2 interface for WIFI/BT. It can be applied in applications such as intelligent education, intelligent interaction, digital signage, etc.

## Specification：

| | | |
|---|---|---|
| **Processor** | CPU | Supports Intel Skylake-S, Kabylake-S, Coffee Lake-S serial CPU |
| | System Chipset | Intel H310-C chipset |
| **Memory** | Type | 1x SO-DIMM DDR4 2400 |
| | Max Storage | 16G |
| **Display** | Display Core | CPU integration |
| | Front Output Interface | 1x DP1.2 （Max: 3840 x 2160@60Hz） |
| | | 1x HDMI1.4 （Max: 3840 x 2160@30Hz） |
| | JAE End Output Interface | 1x DP1.2 （Max: 3840 x 2160@60Hz, optional） |
| | | 1x HDMI1.4 （Max: 3840 x 2160@30Hz） |
| | | Note: Choose JAE End DP/Front DP display output, the default is the Front DP diaplay output |
| **Network** | Control Chipset | 1x RTL8111H Gigabit Network |
| | | Supports network wake up and PXE guidance |
| **USB Interface** | I/O | 3x USB3.0+3x USB2.0 Interfaces |
| **Storage Interface** | SATA | 1x 2.5"SATA HDD/SSD |
| | Mini_PCIe | Supports 1x MSATA SSD |
| **Serial Interfaces** | COM | Supports 1x COM -RS232 protocol interface （optional） |
| **Expansion Interface** | M.2 | 1x M.2 2230, supports WIFI/BT |
| **Customized Functions** | | Hardware auto power-on function; |
| | | Hardware one-click system restoration through key form, convenient for system maintenance. |
| **Software Functions** | Watch Dog | Support |
| | Network Wake Up | Support |
| | Operating System | Windows8.1, 10；Linux |
| **Power Supply** | Input Voltage | DC_IN 12/19V |
| **Application Environment** | Operating Temperature | 0℃-40℃ |
| | Storage Temperature | -20℃-80℃ |
| **Physical Features** | Material | Iron |
| | Size | 180.8 x 195 x 42.5mm |
| **Cooling Method** | Cooling Method | Straight blowing and dual copper pipes side blowing for options, supports temperature control for speed regulation |

**POLYHEX**
Beyond the Embedded Deployment