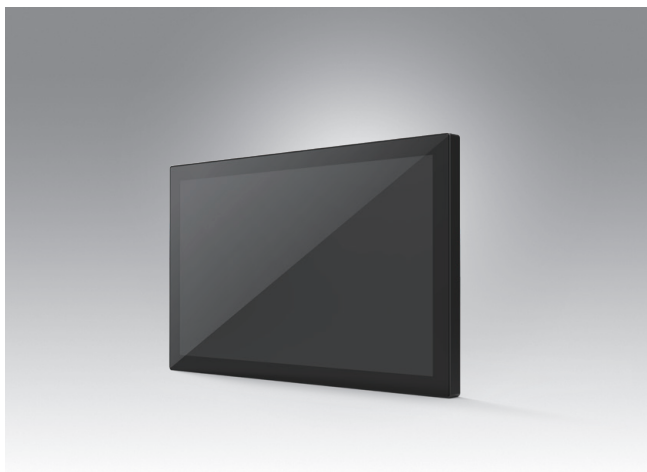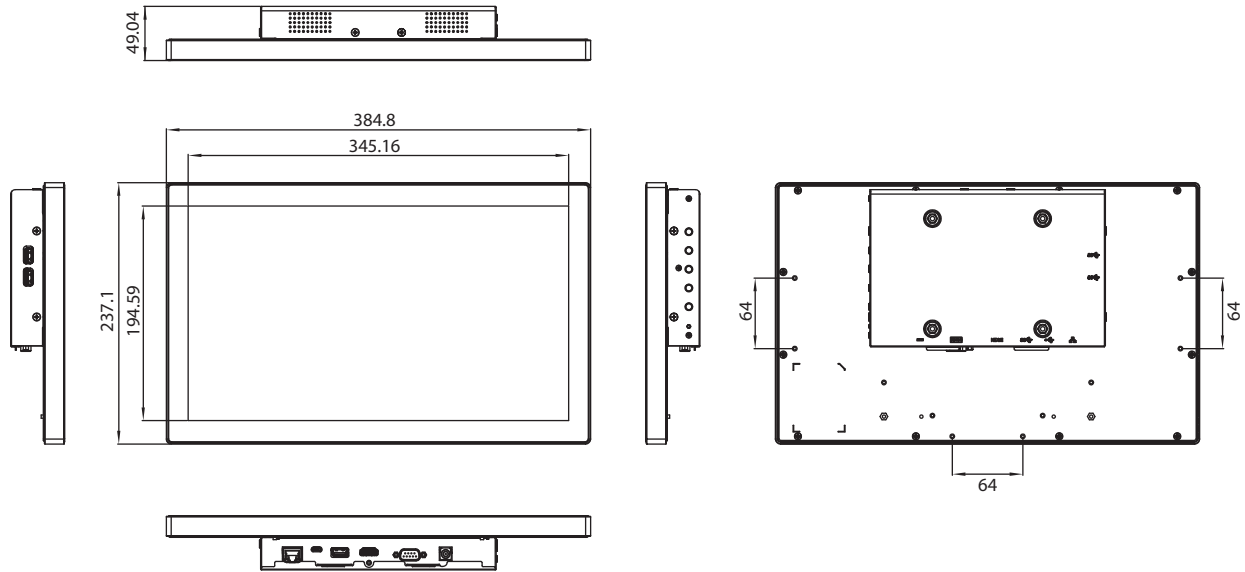# VUE-4156

## 15.6" AIO Touch Computer

## Features

- 15.6" active screen size
- Built-in Rockchip RK3566 and OS Android 11
- 6-axis color adjustment (Green/Red/Blue/Cyan/Magenta/Yellow) for high level and more accuracy customized image
- Full-flat cover glass for extremely simple and elegant surface design
- Adopts industrial-grade components for guaranteed performance
- Mount with multi-way and easy to extend peripheral devices (box PC/camera...)
- Front IP65 water-proof rating and IK08 high-level impact protection
- Support 10-point touch function (PCAP technology)
- Excellent noise immunity well-suited for rugged applications (CS 10V)
- Support many touch method including fingers, glove, and stylus

## Specifications

| System | CPU | | Rockchip RK3566 |
|---|---|---|---|
| | Memory | | 4GB LPDDR4 |
| | Storage | | 128GB eMMC |
| | Ethernet | | LAN port x 1 |
| **OS Support** | OS version | | Android 11 |
| | Control Method | | OSD button (ON/OFF, LEFT, RIGHT, MENU, AUTO) |
| | OSD Function | | Luminence (Brightness, Contrast, Eco Mode, DCR) , Image Setup (Clock, Focus, H/V Position, Image Ratio), Color Temperature (Warm, Normal, Cool, sRGB, Red, Green, Blue), OSD Setup (H Position, V Position, Timeout, Language), Extra (Input select, DDCD/CI, Reset, Information) |
| | OSD Language | | Simplified Chinese, Traditional Chinese, English, Korea, French, Spanish, Russian, Portuguese |
| **Display** | Active Screen Size | | 15.6 inch |
| | Resolution | | 1920 x 1080 (FHD) |
| | Brightness | | 450 nits (LCM panel, typ.) |
| | Contrast Ratio | | 800:1 (Typ.) |
| | Aspect Ratio | | 16:9 |
| | Viewing Angle | | 89° / 89° / 89° / 89° |
| | Response Time | | 25 ms (Typ.) |
| | Backlight Life (hours) | | 50,000 (Typ.) |
| **Touch** | Touch Type | | Projected Capacitive Touch (PCAP) |
| | Touch Function | | 10 points |
| | Touch Interface | | USB |
| **Connectivity** | Input Video | | HDMI1.4 x 1 (HDCP1.4) |
| | Input Audio | | N/A |
| | Input Control | | RS-232 input |
| | Input Other slots/ports | | USB2.0 Host x2 (internal), USB3.0 Type A x3 (5V, 1A) |
| | Output Video | | N/A |
| | Output Audio | | 2W+2W Internal Speaker |
| | Output Control | | N/A |
| **Power** | Power Type | | External Adaptor  12V~19V  65 W |
| | Power Input | | 100-240V$_{AC}$, 50-60Hz |
| | Power Consumption | | 24W |
| **Environment** | Operating | Temperature | 0°C- +40°C |
| | | Humidity | 30% to 80% (non-condensing) |
| | Storage | Temperature | -10°C- +60°C |
| | | Humidity | 10% to 80% (non-condensing) |
| **Mechanical Specification** | Housing Material | | 1.0 mm sheet metal (Black) |
| | VESA Compatibility | | 100 x 100 mm |
| | Dimensions (W x H x D) | Physical | 384.80 x 237.10 x 49.04 mm |
| | | Packing | 455 x 330 x 185 mm |
| | Weight | Net | 2.9  kg |
| | | Gross | 4.5 Kg |
| **Installation** | Mounting on a wall/machine | | 100 x 100 mm, VESA grid |
| | Mounting with stand/arm | | 100 x 100 mm, VESA grid |
| | Mounting through bracket | | 64 mm, Side mount screw hole |
| **Approbation** | Certificates | | IEC/EN 60950+62368, UL62368, BSMI, CE, FCC, UKCA |
| **Warranty** | | | 2-year (1-year for panel) |

## Dimensions

Unit: mm [inch]



## Ordering Information

| Part Number | Description | Packing List |
|---|---|---|
| VUE-4156-FD45PA-N4 | Advantech 15.6" All-in-One PC (incl. Japan, Korean, Australia, and Middle East Power Cord) | ▪ Power Cord (1.5M, Black) |
| VUE-4156-FD45PC-N4 | Advantech 15.6" All-in-One PC (incl. China Power Cord) | ▪ Power Adaptor (1.5M, Black)<br>▪ HDMI Cable (1.5M, Black) |
| VUE-4156-FD45PX-N4 | Advantech 15.6" All-in-One PC (incl. Taiwan, US, Europe, and England Power Cord) | ▪ Side Mount Bracket kit<br>▪ Startup Manual (Paper) |

## Optional Accessories

| Part Number | Description |
|---|---|
| 96OT-A15DEE-B0 | Active Stylus Pen for VUE-4000 series, Black |
| 96OT-SD-10H10-L | Desktop Stand for VUE-4000, VESA100x100, Large, support up to 7kg |