

# KS215P-EHL

21.5" Industrial Touch Panel PC



## KEY FEATURES



### CPU Performance

Intel® Atom® x6425E Processor, Quad Core  
Intel® Atom® x6413E Processor, Quad Core



### Touch Type

Projected Capacitive Touch



### Dual Display

HDMI + DP++



### Multiple Expansions

M.2 2242/2280/3052 B Key  
M.2 2230 E Key



### Wide Voltage

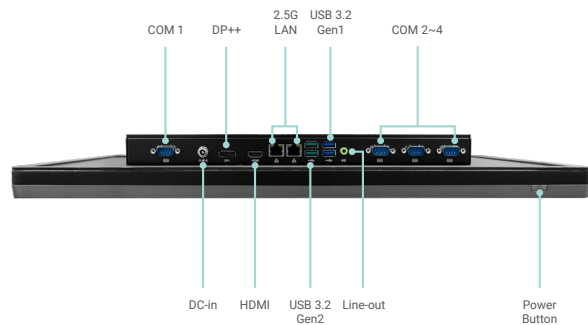
Support 9 ~ 36V



## PANEL

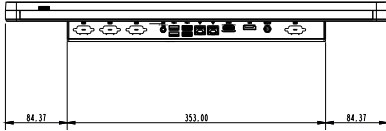
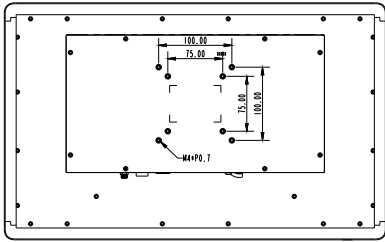
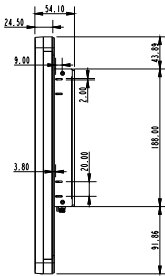
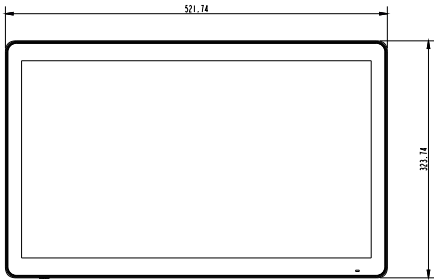
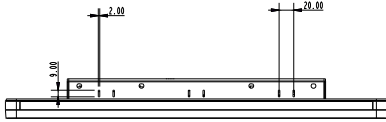


Top View

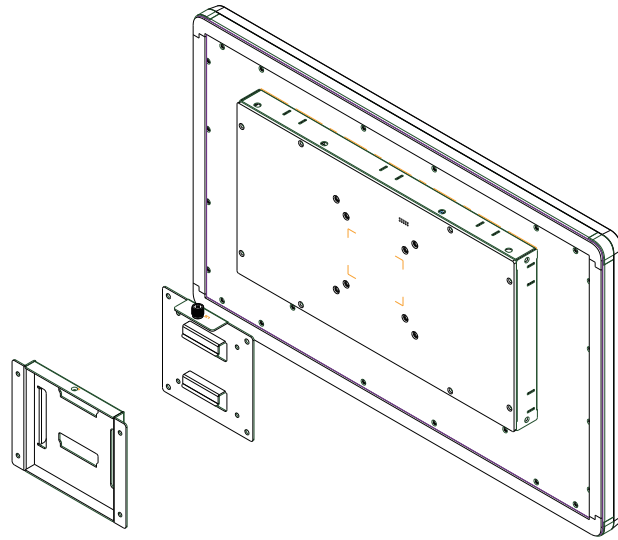


Bottom View

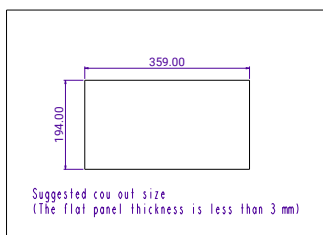
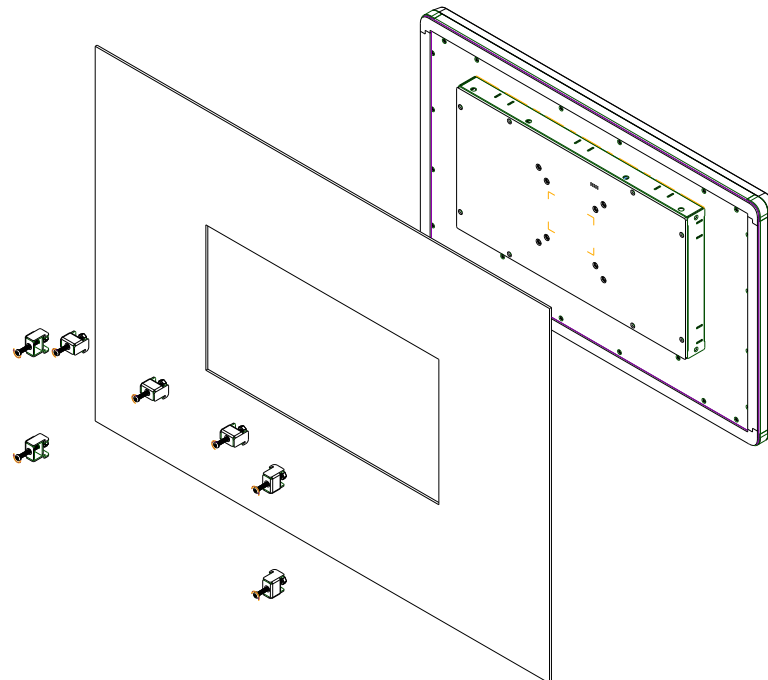
**DIMENSIONS**



### VESA MOUNTING



### PANEL MOUNTING



## SPECIFICATION

|                             |                       |   |  |
|-----------------------------|-----------------------|---|--|
| DISPLAY AND TOUCH SCREEN    | Display               | 21.5" TFT LCD Panel   |  |
|                             | Contrast              | 16 : 9  |  |
|                             | Max. Resolution       | 1920 x 1080   |  |
|                             | Touch Type            | Projected Capacitive  |  |
|                             | Brightness            | 300 (cd/m2)   |  |
|                             | Backlight Lifetime    | 50,000 (hours)  |  |
| SYSTEM                      | Processor             | Intel® Atom® x6425E Processor, Quad Core, 1.5M Cache, 2.0GHz (3.0GHz), 12W<br>Intel® Atom® x6413E Processor, Quad Core, 1.5M Cache, 1.5GHz (3.0GHz), 9W                         |  |
|                             | Memory                | Two 260-pin SODIMM up to 32GB<br>Dual channel DDR4 up to 3200MHz  |  |
|                             | BIOS                  | AMI SPI 256Mbit (supports UEFI boot only)   |  |
| GRAPHICS                    | Controller            | Intel® UHD Graphics   |  |
|                             | Feature               | OpenGL 4.5, DirectX 12, Open CL 1.2, Vulkan 1.1<br>HW Decode: AVC/H.264, MPEG2, VC1/WMV9, JPEG/MJPEG, HEVC/H.265, VP8, VP9<br>HW Encode: AVC/H.264, JPEG/MJPEG, HEVC/H.265, VP9 |  |
|                             | Display               | 1 x DP++<br>1 x HDMI 2.0  | DP++: resolution up to 4096x2160 @ 60Hz<br>HDMI: resolution up to 4096x2160 @ 24Hz |
|                             | Dual Displays         | DP++ + HDMI   |  |
| STORAGE                     | External              | 1 x 2.5" SATA 3.0 Drive Bay   |  |
| EXPANSION                   | Interface             | 1 x M.2 2242/2280/3052 B Key (PCIe x1/SATA/USB2.0)<br>1 x M.2 2230 E Key (PCIe x1/USB2.0)<br>1 x Nano SIM socket (connected to M.2 B key)                                       |  |
|                             |                       | I/O   | Ethernet   |
| I/O                         | Serial                | 2 x RS232/422/485<br>2 x RS232  |  |
|                             |                       | USB   | 2 x USB 3.2 Gen2<br>2 x USB 3.2 Gen1   |
|                             | Display               |   | 1 x DP++<br>1 x HDMI   |
|                             |                       | Audio   | 1 x line-out   |
|                             | Button                | 1 x Power Button  |  |
|                             | POWER                 | Type  | DC 9-36V   |
| Connector                   |                       | DC Jack   |  |
| MECHANISM                   | Construction          | Plastic + Sheet Metal   |  |
|                             | Mounting              | VESA mount 100 x 100  |  |
|                             | IP Rating             | IP65 Front Panel Protection without power button  |  |
|                             | Dimensions(W x H x D) | 521.8 X 323.8 X 54.1 mm   |  |
|                             | Weight                | 7.0 Kg  |  |
| ENVIRONMENT                 | Operating Temperature | 0 ~ 50°C  |  |
|                             | Storage Temperature   | -30 ~ 80°C  |  |
|                             | Relative Humidity     | 10 to 95% @ 40°C, non-condensing  |  |
| STANDARDS AND CERTIFICATION | Shock                 | OP: Half-sine, 3G @ 11ms Non-OP: Half-sine, 5G @ 11ms   |  |
|                             | Vibration             | OP: Random, 1Grms @ 5~500Hz, 30min Non-OP: Sweep sine, 3Grms @ 10~500Hz, 30min  |  |
|                             | Certification         | CE/FCC Class A/UKCA/RoHS  |  |

## ORDERING INFORMATION

| Model Name        | Part Number      | Description   |
|-------------------|------------------|---|
| KS215P-EHLW36-X13 | 750-KS215P0-000G | KS215P-EHLW36: 21.5" TFT WXGA Fan-less Panel PC with Projected Capacitive Touch, Intel® ATOM® x6413E, DC Input 9-36V DC jack, F/G SYSTEM RoHS |
| KS215P-EHLW36-X25 | 750-KS215P0-100G | KS215P-EHLW36: 21.5" TFT WXGA Fan-less Panel PC with Projected Capacitive Touch, Intel® Atom® x6425E, DC Input 9-36V DC jack, F/G SYSTEM RoHS |

## PACKING LIST

|                               |
|-------------------------------|
| • 1 KS215P-EHL Touch Panel PC |
| • 1 Poron foam                |
| • 1 Quick Installation Guide  |

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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