

# AD SERIES

Electronic Solutions  
Design & Manufacture



## Octab Range - 3566



Highly reliable professional tablets for supports Android and Linux. Designed for 24/7 Commercial use. Compact & rugged. Touchscreen as standard. Also available with no touch.

### Key Features



Android



Linux  
Linux



Capacitive  
Touchscreen



Fully compliant with Zoho Assist  
unattended



24 Hour  
Commercial Use



Enrol & provision via  
QR code enabled



+44(0)870 005 5520

UK Head Office: Unit 49 Eldon Way,  
Paddock Wood, Kent, TN12 6BE

eva2@adseries.com



## Octab Range - 3566

### Overview

Created since 2018 initially to deliver our 'Controlled Build' solutions for customers wanting stability in product availability. This is still the case and in addition we use the Octab system to deliver flexible builds to customers to deliver enhanced business value.

With its more specialist focus, we specify the Octab stock range with higher performance LCD panels typically 400-500 nits as standards, but equally if you have a need for 'Value' level then we can build you Octabs with a lower grade panel to be within budget.

We also support customisation of both hardware and Android system to deliver unique device and product builds. One example of this is our kiosk range which uses the Octab base build to deliver a range of kiosk solutions.

The Octab build components are also offered in open frame and other custom housings or kits to meet many diverse needs. Our robust plastic housings support 10.1" to 32" product.

Touchscreen as standard. Also available with no touch. Rockchip 3566 processor. Supports Android and Linux. 2 GB RAM and 16 GB Storage.

### Key Features



Android



Linux  
Linux



Capacitive  
Touchscreen



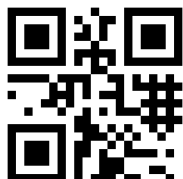
Enrol & provision via  
QR code enabled



Fully compliant with  
Zoho Assist unattended



24 Hour  
Commercial Use

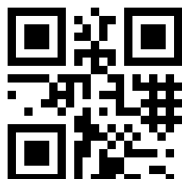


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| Product Details            |  |  |  |  |  |  |
|----------------------------|--|--|--|--|--|--|
| Product Code               |  | OCTAB101P-T-4  | OCTAB116P-T-4  | OCTAB140P-T-4  | OCTAB156P-T-4  | OCTAB173P-T-4  |
| <b>Screen size</b>         |  |  |  |  |  |  |
| Screen Size                |  | 10.1"  | 11.6"  | 14"  | 15.6"  | 17.3"  |
| <b>Panel</b>               |  |  |  |  |  |  |
| Resolution                 |  | 1280x800   | 1920x1080  | 1920x1080  | 1920x1080  | 1920x1080  |
| Aspect Ratio               |  | 16:9   | 16:9   | 16:9   | 16:9   | 16:9   |
| Viewing Angle              |  | 89x89x89x89  | 89x89x89x89  | 85x85x85x85  | 85x85x85x85  | 85x85x85x85  |
| Active Area                |  | 216.96x135.6   | 256.32x144.18  | 309.21x173.98  | 344.16x193.59  | 381.89x214.81  |
| Brightness                 |  | 250-600  | 250-600  | 250-600  | 250-600  | 250-600  |
| Contrast                   |  | 900:1  | 800:1  | 800:1  | 800:1  | 800:1  |
| <b>Touch</b>               |  |  |  |  |  |  |
| Touch Technology           |  | Capactive Touch (G+G optional)   | Capactive Touch (G+G optional)   | Capactive Touch (G+G optional)   | Capactive Touch (G+G optional)   | Capactive Touch (G+G optional)   |
| Touch Points               |  | 10   | 10   | 10   | 10   | 10   |
| <b>Hardware &amp; OS</b>   |  |  |  |  |  |  |
| CPU                        |  | Rockchip 3566  | Rockchip 3566  | Rockchip 3566  | Rockchip 3566  | Rockchip 3566  |
| RAM                        |  | 2GB  | 2GB  | 2GB  | 2GB  | 2GB  |
| Storage                    |  | 16GB   | 16GB   | 16GB   | 16GB   | 16GB   |
| OS                         |  | Android 11 / Linux (Debian) 10   | Android 11 / Linux (Debian) 10   | Android 11 / Linux (Debian) 10   | Android 11 / Linux (Debian) 10   | Android 11 / Linux (Debian) 10   |
| <b>Power</b>               |  |  |  |  |  |  |
| Power Consumption          |  | 24   | 24   | 36   | 36   | 36   |
| Power Requirement          |  | 12V 2A   | 12V 2A   | 12V 3A   | 12V 3A (2A)  | 12V 3A   |
| Power Jack                 |  | USB Host 3.0   | USB Host 3.0   | USB Host 3.0   | USB Host 3.0   | USB Host 3.0   |
| <b>Connections</b>         |  |  |  |  |  |  |
| USB Device                 |  | Yes  | Yes  | Yes  | Yes  | Yes  |
| USB Host                   |  | 2.1mm  | 2.1mm  | 2.1mm  | 2.1mm  | 2.1mm  |
| HDMI                       |  | HDMI Output  | HDMI Output  | HDMI Output  | HDMI Output  | HDMI Output  |
| Wifi                       |  | WiFi 2.4 GHz 802.11b/g/n (optional 5GHz 802.11a)                         | WiFi 2.4 GHz 802.11b/g/n (optional 5GHz 802.11a)                         | WiFi 2.4 GHz 802.11b/g/n (optional 5GHz 802.11a)                         | WiFi 2.4 GHz 802.11b/g/n (optional 5GHz 802.11a)                         | WiFi 2.4 GHz 802.11b/g/n (optional 5GHz 802.11a)                         |
| Ethernet                   |  | Yes  | Yes  | Yes  | Yes  | Yes  |
| Bluetooth                  |  | Bluetooth 4.0  | Bluetooth 4.0  | Bluetooth 4.0  | Bluetooth 4.0  | Bluetooth 4.0  |
| 3G dongle                  |  | 3G USB dongle ext.   | 3G USB dongle ext.   | 3G USB dongle ext.   | 3G USB dongle ext.   | 3G USB dongle ext.   |
| Card Slot                  |  | SD,Support up to 32GB  | SD,Support up to 32GB  | SD,Support up to 32GB  | SD,Support up to 32GB  | SD,Support up to 32GB  |
| Earphone                   |  | 3.5mm earphone   | 3.5mm earphone   | 3.5mm earphone   | 3.5mm earphone   | 3.5mm earphone   |
| <b>Media</b>               |  |  |  |  |  |  |
| Video Format               |  | WMV, AVI, FLV, RM, RMBV, MPEG, TS, MP4, etc. RK3288: support up to 1080p | WMV, AVI, FLV, RM, RMBV, MPEG, TS, MP4, etc. RK3288: support up to 1080p | WMV, AVI, FLV, RM, RMBV, MPEG, TS, MP4, etc. RK3288: support up to 1080p | WMV, AVI, FLV, RM, RMBV, MPEG, TS, MP4, etc. RK3288: support up to 1080p | WMV, AVI, FLV, RM, RMBV, MPEG, TS, MP4, etc. RK3288: support up to 1080p |
| Image Format               |  | BMP, JPEG, PNG, GIF  | BMP, JPEG, PNG, GIF  | BMP, JPEG, PNG, GIF  | BMP, JPEG, PNG, GIF  | BMP, JPEG, PNG, GIF  |
| Audio Format               |  | MP3/WMA/AAC  | MP3/WMA/AAC  | MP3/WMA/AAC  | MP3/WMA/AAC  | MP3/WMA/AAC  |
| <b>Optional</b>            |  |  |  |  |  |  |
| Camera                     |  | 2.0M/P Front   | 2.0M/P Front   | 2.0M/P Front   | 2.0M/P Front   | 2.0M/P Front   |
| <b>Accessories</b>         |  |  |  |  |  |  |
| Included In Box            |  | Power Supply   | Power Supply   | Power Supply   | Power Supply   | Power Supply   |
| <b>General Information</b> |  |  |  |  |  |  |
| Speakers                   |  | 2x 2W  | 2x 2W  | 2x 2W  | 2x 3W  | 2x 3W  |
| Colour                     |  | Black / White  | Black / White  | Black / White  | Black / White  | Black / White  |
| Language                   |  | Multi-language   | Multi-language   | Multi-language   | Multi-language   | Multi-language   |
| Working Temperature        |  | 0-50 degrees   | 0-50 degrees   | 0-50 degrees   | 0-50 degrees   | 0-50 degrees   |
| Unit Size (LxWxHmm)        |  | 260.54x178.54x27.50  | 284.65x182.25x27.48  | 355x228x?  | 403.76x252.76x33.50  | 422.51x278.35x34.30  |
| Package Size (LxWxHmm)     |  | 286x256x74   | 350x25875  | 373x320x78   | 480x295x88   | tbc  |
| Vesa Mounting (mm)         |  | 75x75  | 75x75  | 75x75  | 75x75  | 100x100  |
| Unit Weight (kg)           |  | 0.65   | 0.44   | 0.95   | 1.36   | tbc  |
| Package Weight (kg)        |  | 0.82   | 0.76   | 1.4  | 2.25   | tbc  |

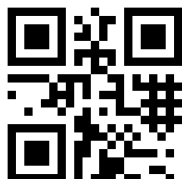


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| Product Details            |  |  |  |  |  |
|----------------------------|--|--|--|--|--|
| Product Code               | OCTAB185P-T4   | OCTAB215P-T4   | OCTAB238P-T4   | OCTAB270P-T4   | OCTAB320P-T4   |
| <b>Screen size</b>         |  |  |  |  |  |
| Screen Size                | 18.5"  | 21.5"  | 23.8"  | 27"  | 32"  |
| <b>Panel</b>               |  |  |  |  |  |
| Resolution                 | 1920x1080  | 1920x1080  | 1920x1080  | 1920x1080  | 1920x1080  |
| Aspect Ratio               | 16:9   | 16:9   | 16:9   | 16:9   | 16:9   |
| Viewing Angle              | 85x85x85x85  | 89x89x89x89  | 89x89x89x89  | 89x89x89x89  | 89x89x89x89  |
| Active Area                | 408.96x230.4   | 474.64x268.11  | 527.04x296.46  | 597.6x336.15   | 698.4x392.85   |
| Brightness                 | 350 cd/m2  | 250-600  | 250-600  | 250-600  | 250-600  |
| Contrast                   | 1200:1   | 3000:1   | 1000:1   | 3000:1   | 1000:1   |
| <b>Touch</b>               |  |  |  |  |  |
| Touch Technology           | Capacitive Touch (G+G optional)  | Capacitive Touch (G+G optional)  | Capacitive Touch (G+G optional)  | Capacitive Touch (G+G optional)  | Capacitive Touch (G+G optional)  |
| Touch Points               | 10   | 10   | 10   | 10   | 10   |
| <b>Hardware &amp; OS</b>   |  |  |  |  |  |
| CPU                        | Rockchip 3566  | Rockchip 3566  | Rockchip 3566  | Rockchip 3566  | Rockchip 3566  |
| RAM                        | 2GB  | 2GB  | 2GB  | 2GB  | 2GB  |
| Storage                    | 16GB   | 16GB   | 16GB   | 16GB   | 16GB   |
| OS                         | Android 11 / Linux (Debian) 10   | Android 11 / Linux (Debian) 10   | Android 11 / Linux (Debian) 10   | Android 11 / Linux (Debian) 10   | Android 11 / Linux (Debian) 10   |
| <b>Power</b>               |  |  |  |  |  |
| Power Consumption          | 36   | 36   | 48   | 48   | 60   |
| Power Requirement          | 12V 3A   | 12V 3A   | 12V 4A   | 12V 4A   | 12V 5A   |
| Power Jack                 | USB Host 3.0   | USB Host 3.0   | USB Host 3.0   | USB Host 3.0   | USB Host 3.0   |
| <b>Connections</b>         |  |  |  |  |  |
| USB Device                 | Yes  | Yes  | Yes  | Yes  | Yes  |
| USB Host                   | 2.1mm  | 2.1mm  | 2.1mm  | 2.1mm  | 2.1mm  |
| HDMI                       | HDMI Output  | HDMI Output  | HDMI Output  | HDMI Output  | HDMI Output  |
| Wifi                       | WiFi 2.4 GHz 802.11b/g/n (optional 5GHz 802.11a)                         | WiFi 2.4 GHz 802.11b/g/n (optional 5GHz 802.11a)                         | WiFi 2.4 GHz 802.11b/g/n (optional 5GHz 802.11a)                         | WiFi 2.4 GHz 802.11b/g/n (optional 5GHz 802.11a)                         | WiFi 2.4 GHz 802.11b/g/n (optional 5GHz 802.11a)                         |
| Ethernet                   | Yes  | Yes  | Yes  | Yes  | Yes  |
| Bluetooth                  | Bluetooth 4.0  | Bluetooth 4.0  | Bluetooth 4.0  | Bluetooth 4.0  | Bluetooth 4.0  |
| 3G dongle                  | 3G USB dongle ext.   | 3G USB dongle ext.   | 3G USB dongle ext.   | 3G USB dongle ext.   | 3G USB dongle ext.   |
| Card Slot                  | SD,Support up to 32GB  | SD,Support up to 32GB  | SD,Support up to 32GB  | SD,Support up to 32GB  | SD,Support up to 32GB  |
| Earphone                   | 3.5mm earphone   | 3.5mm earphone   | 3.5mm earphone   | 3.5mm earphone   | 3.5mm earphone   |
| <b>Media</b>               |  |  |  |  |  |
| Video Format               | WMV, AVI, FLV, RM, RMBV, MPEG, TS, MP4, etc. RK3288: support up to 1080p | WMV, AVI, FLV, RM, RMBV, MPEG, TS, MP4, etc. RK3288: support up to 1080p | WMV, AVI, FLV, RM, RMBV, MPEG, TS, MP4, etc. RK3288: support up to 1080p | WMV, AVI, FLV, RM, RMBV, MPEG, TS, MP4, etc. RK3288: support up to 1080p | WMV, AVI, FLV, RM, RMBV, MPEG, TS, MP4, etc. RK3288: support up to 1080p |
| Image Format               | BMP, JPEG, PNG, GIF  | BMP, JPEG, PNG, GIF  | BMP, JPEG, PNG, GIF  | BMP, JPEG, PNG, GIF  | BMP, JPEG, PNG, GIF  |
| Audio Format               | MP3/WMA/AAC  | MP3/WMA/AAC  | MP3/WMA/AAC  | MP3/WMA/AAC  | MP3/WMA/AAC  |
| <b>Optional</b>            |  |  |  |  |  |
| Camera                     | 2.0M/P Front   | 2.0M/P Front   | N/A (optional)   | N/A (optional)   | N/A (optional)   |
| <b>Accessories</b>         |  |  |  |  |  |
| Included In Box            | Power Supply   | Power Supply   | Power Supply   | Power Supply   | Power Supply   |
| <b>General Information</b> |  |  |  |  |  |
| Speakers                   | 2x 3W  | 2x 3W  | 2x 5W  | 2x 5W  | 2x 5W  |
| Colour                     | Black / White  | Black / White  | Black / White  | Black / White  | Black / White  |
| Language                   | Multi-language   | Multi-language   | Multi-language   | Multi-language   | Multi-language   |
| Working Temperature        | 0-50 degrees   | 0-50 degrees   | 0-50 degrees   | 0-50 degrees   | 0-50 degrees   |
| Unit Size (LxWxHmm)        | 462x282.50x37.50   | 539.11x332.21x39.75  | 595.5x363.1x43.6   | 660.27x400x41.03   | 763.77x457.21x47.02  |
| Package Size (LxWxHmm)     | tbc  | 582x430x89   | 660x455x115  | 725x490x120  | 860x555x135  |
| Vesa Mounting (mm)         | 100x100  | 100x100  | 100x100  | 75x75, 100x100   | 75x75, 100x100   |
| Unit Weight (kg)           | tbc  | 2.84   | 5  | 6.9  | 9.45   |
| Package Weight (kg)        | tbc  | 3.75   | 6.5  | 8.85   | 10.52  |



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## Technical Drawings Index Octab Range - 3566

Screen Size

10.1"

11.6"

14"

15.6"

17.3"

18.5"

21.5"

23.8"

27"

32"

Page number

6

7

8

9

10

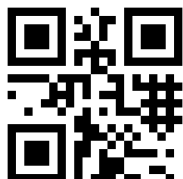
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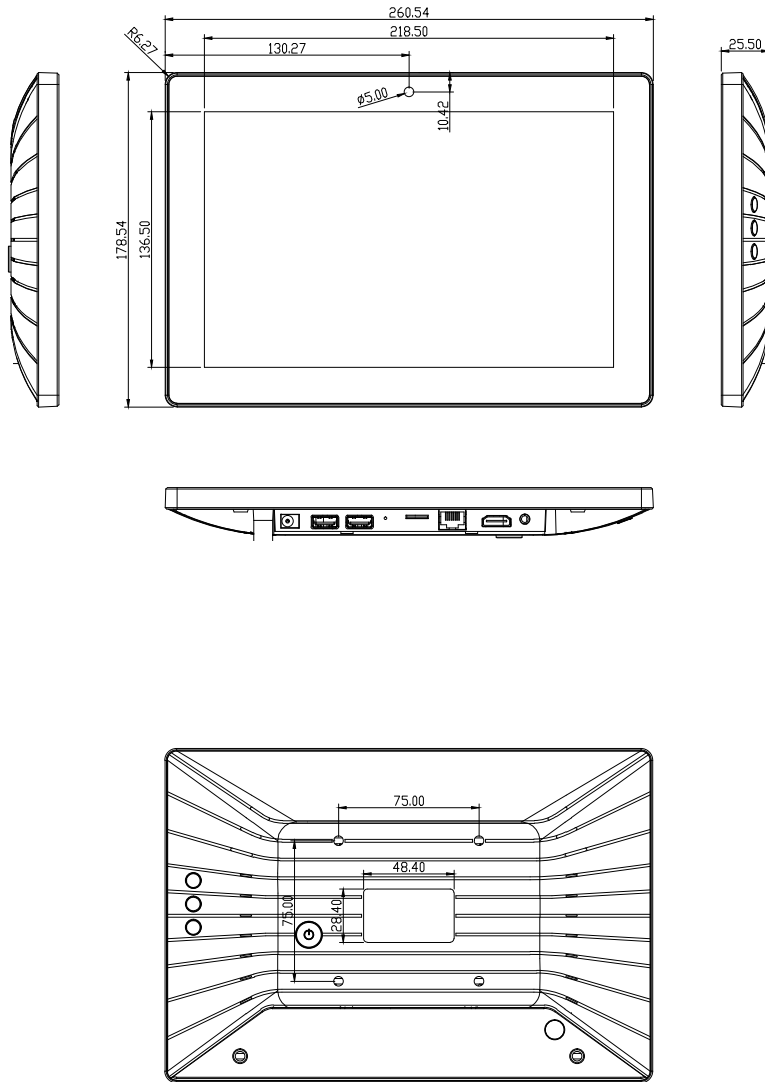
15



# AD SERIES

## Specifications

### Octab 10.1" - OCTAB101P-T-4



\*Specifications are typical and subject to change.



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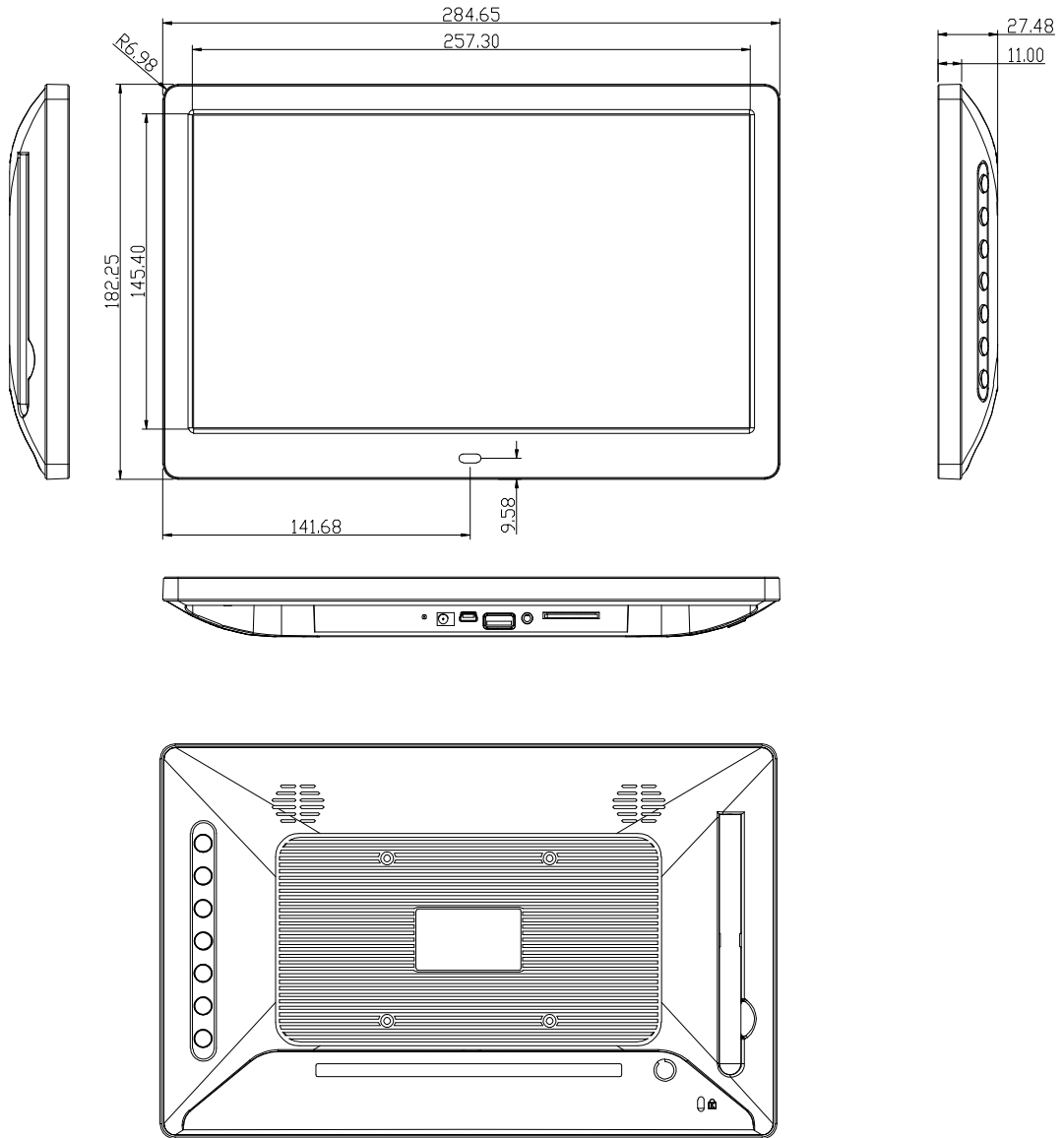
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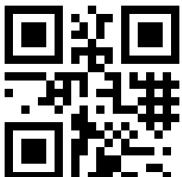
# AD SERIES

## Specifications

### Octab 11.6" - OCTAB116P-T-4



\*Specifications are typical and subject to change.



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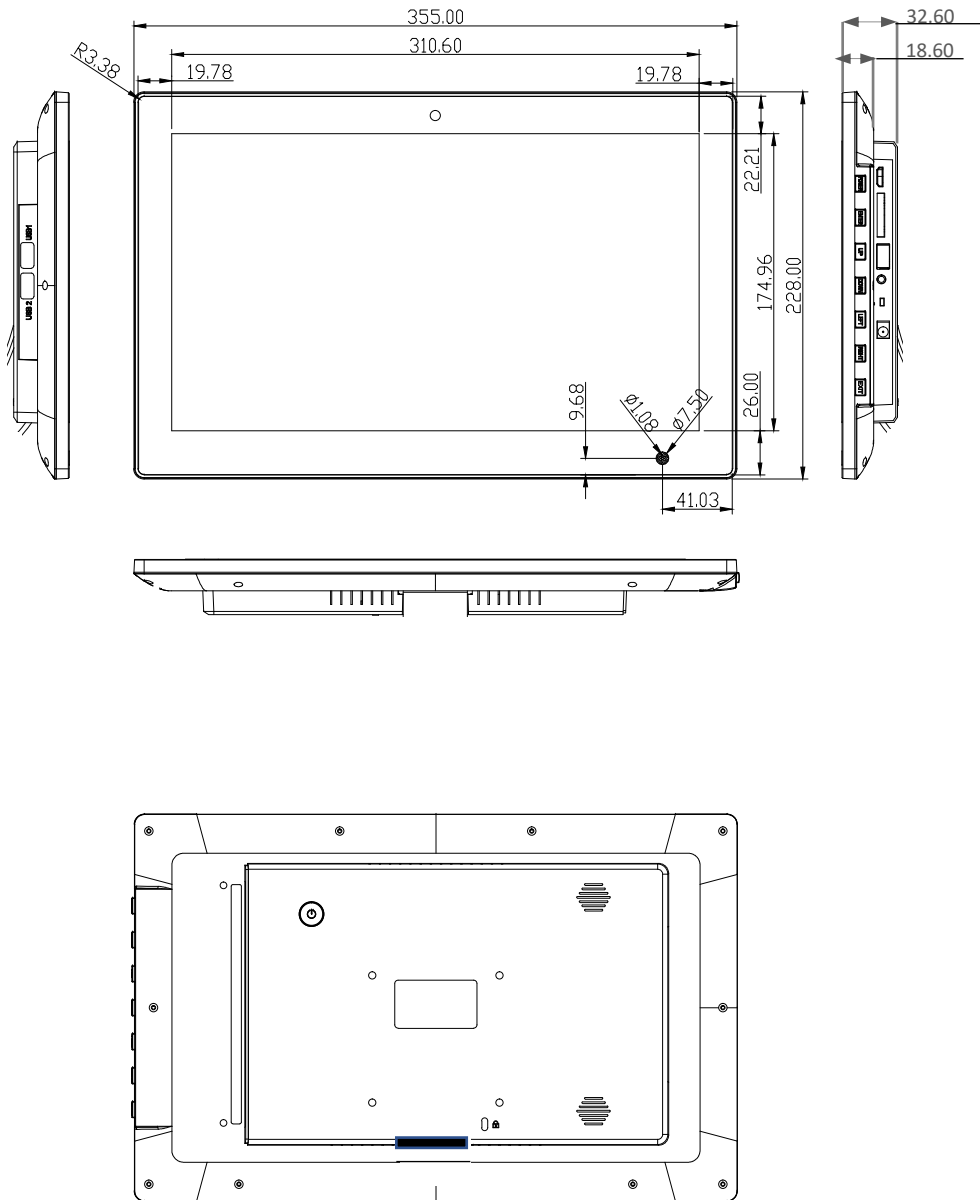
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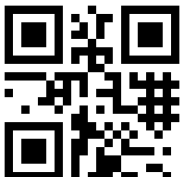
# AD SERIES

## Specifications

### Octab 14" - OCTAB140P-T-4



\*Specifications are typical and subject to change.



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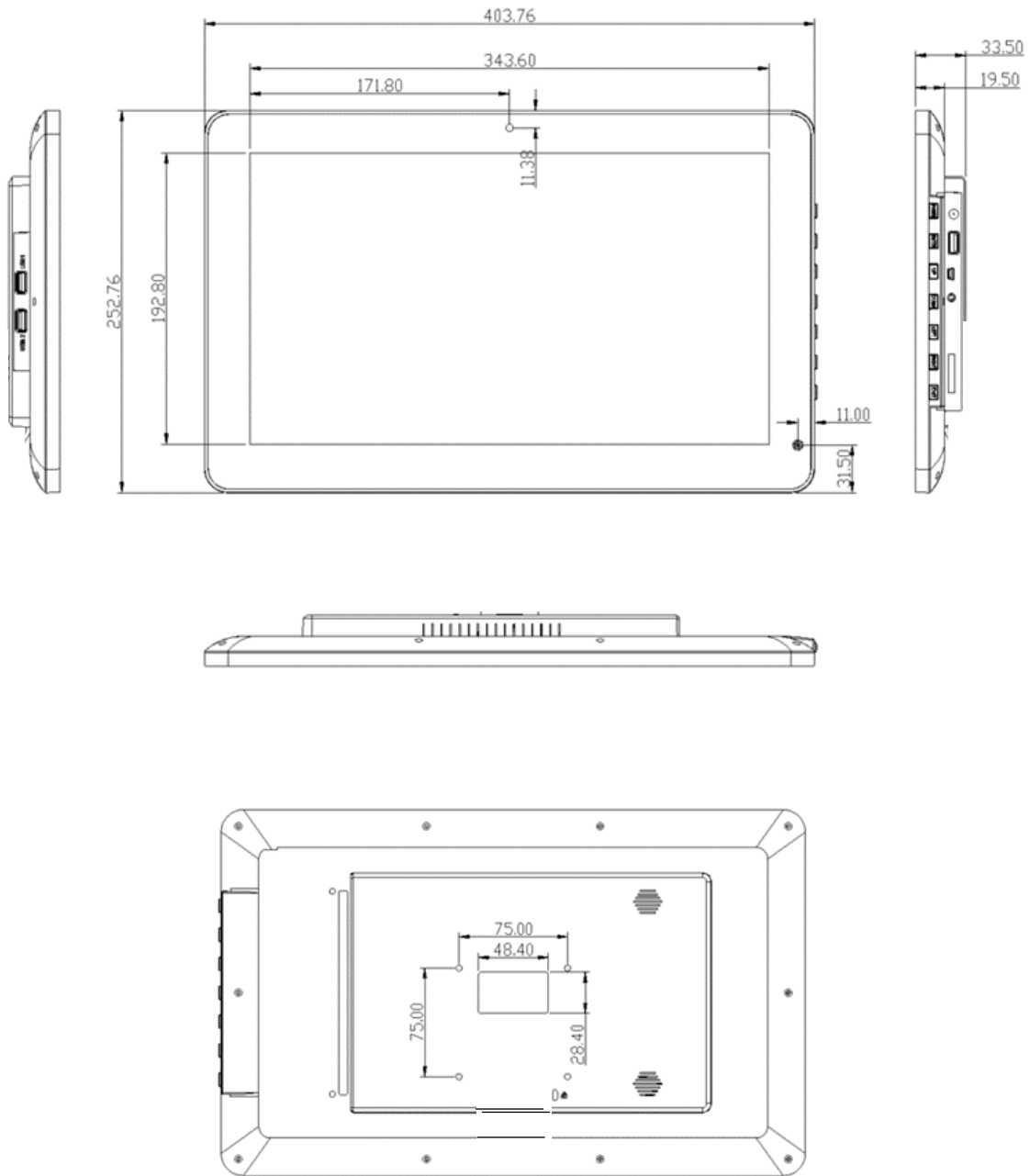
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# AD SERIES

## Specifications

### Octab 15.6" - OCTAB156P-T-4



\*Specifications are typical and subject to change.



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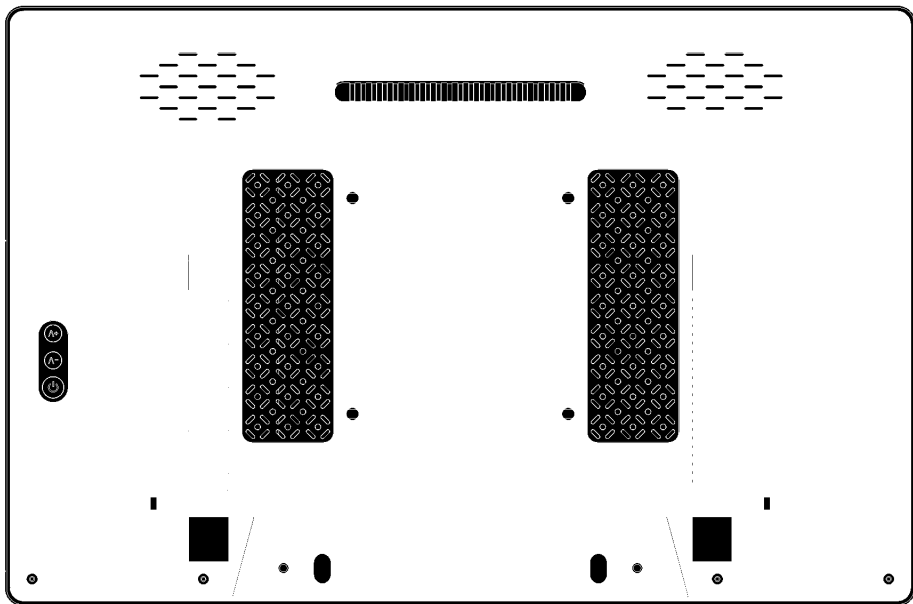
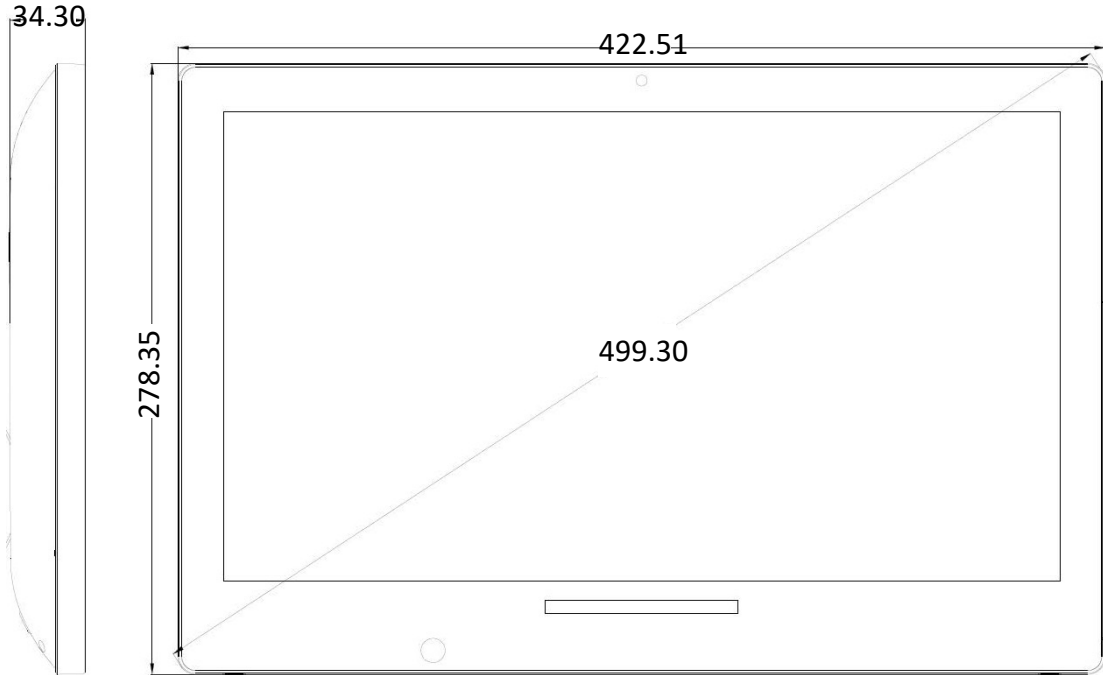
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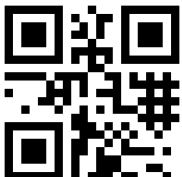
# AD SERIES

## Specifications

### Octab 17.3" - OCTAB173P-T-4



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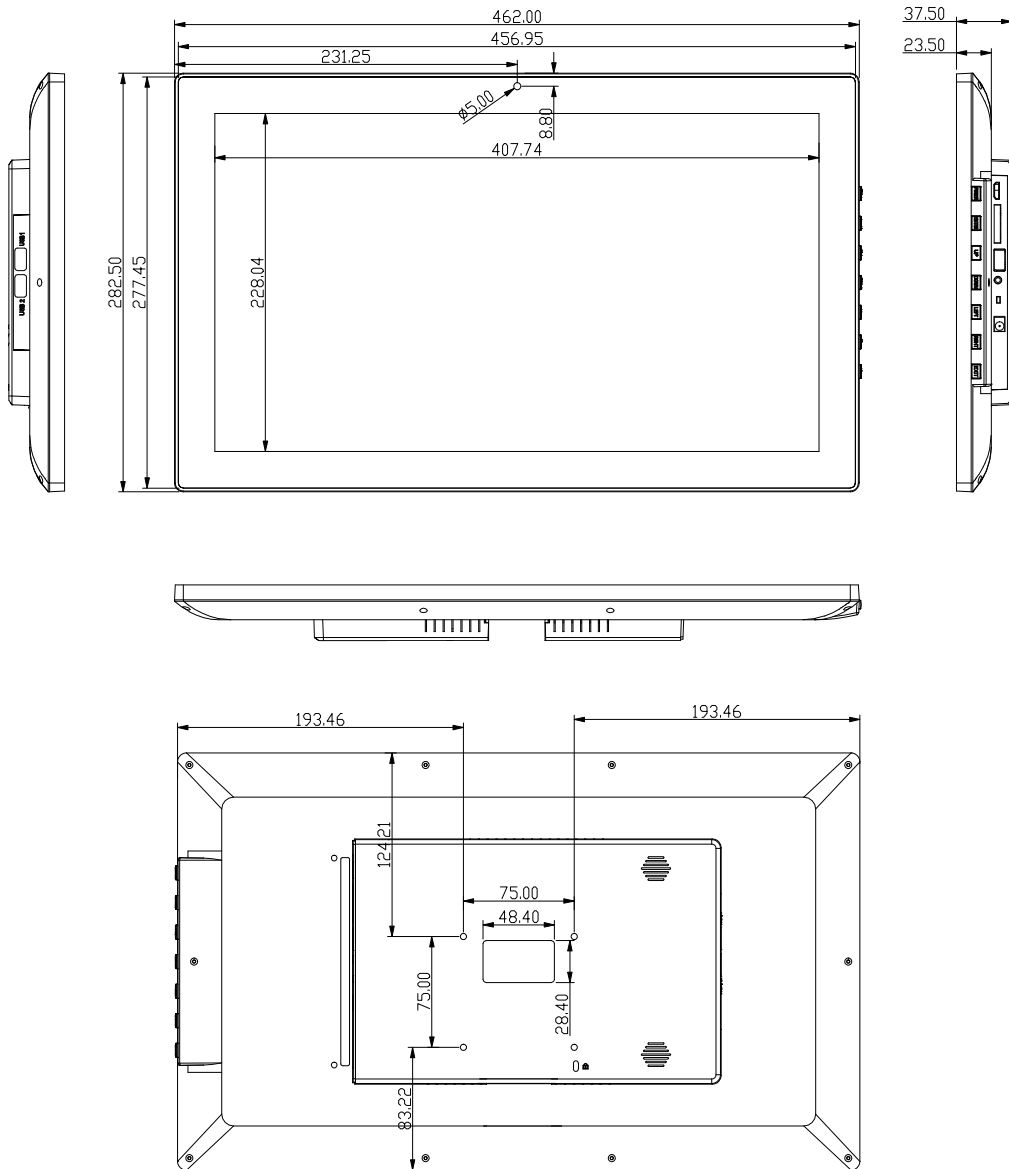
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# AD SERIES

## Specifications

### Octab 18.5" - OCTAB185P-T-4



\*Specifications are typical and subject to change.

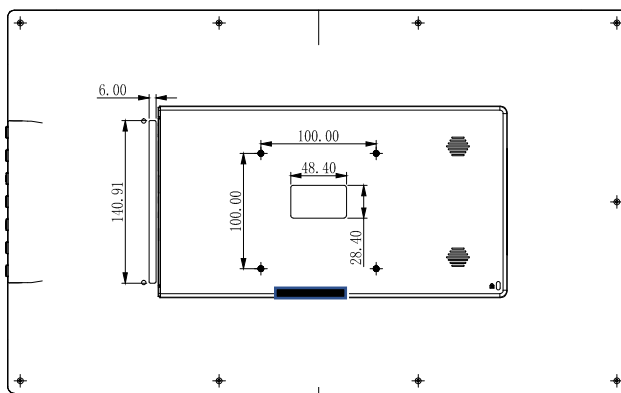
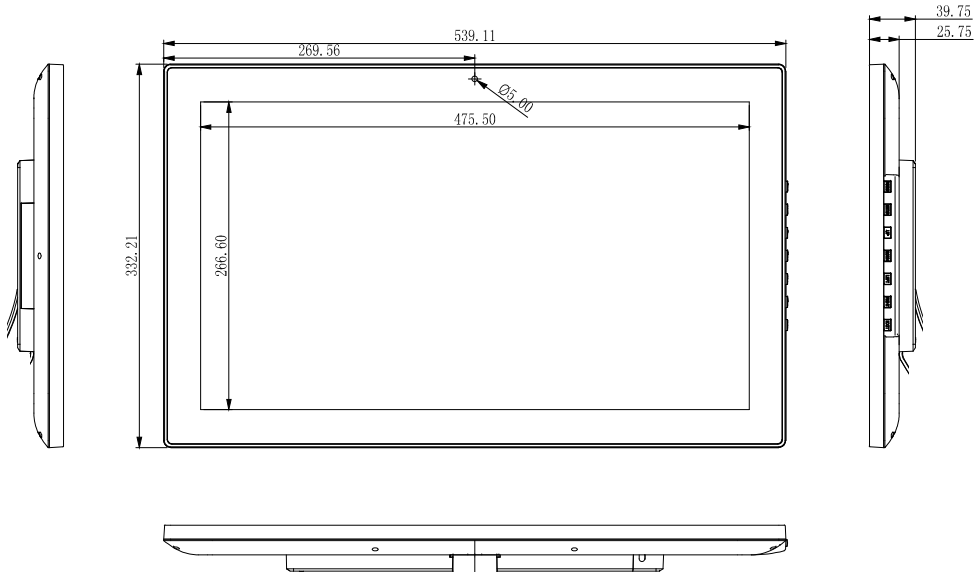


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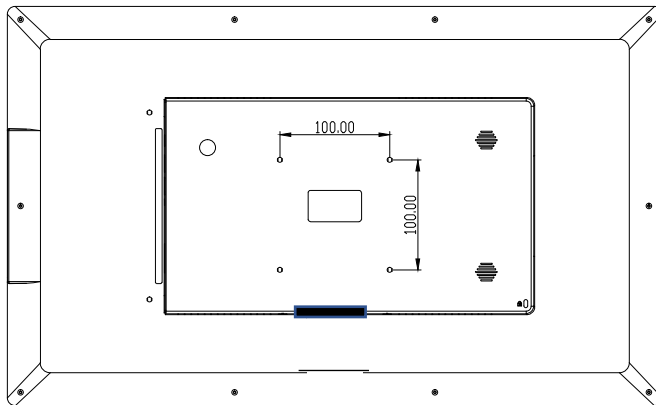
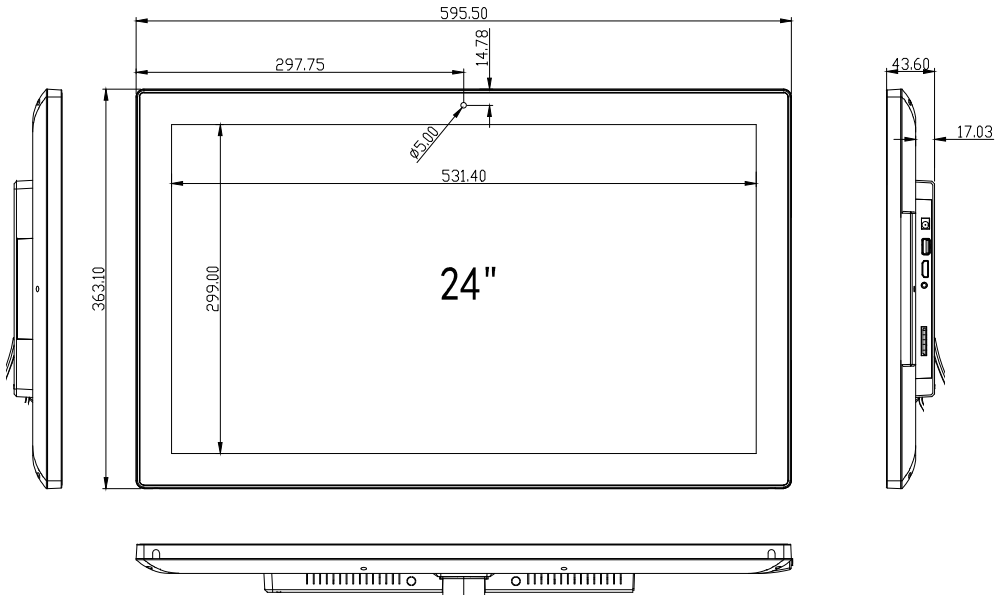
### Octab 21.5" - OCTAB215P-T-4



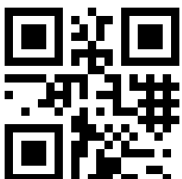
\*Specifications are typical and subject to change.



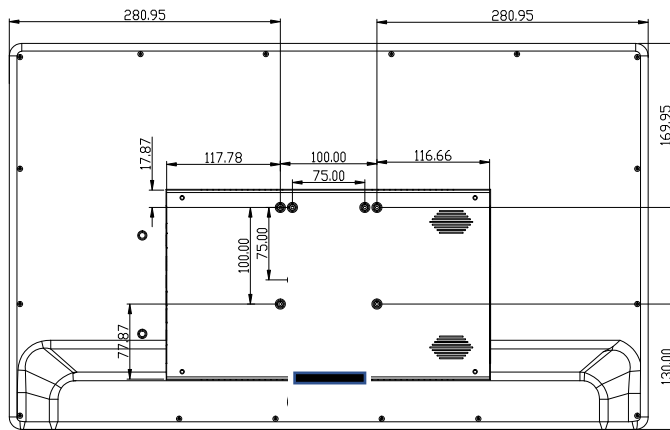
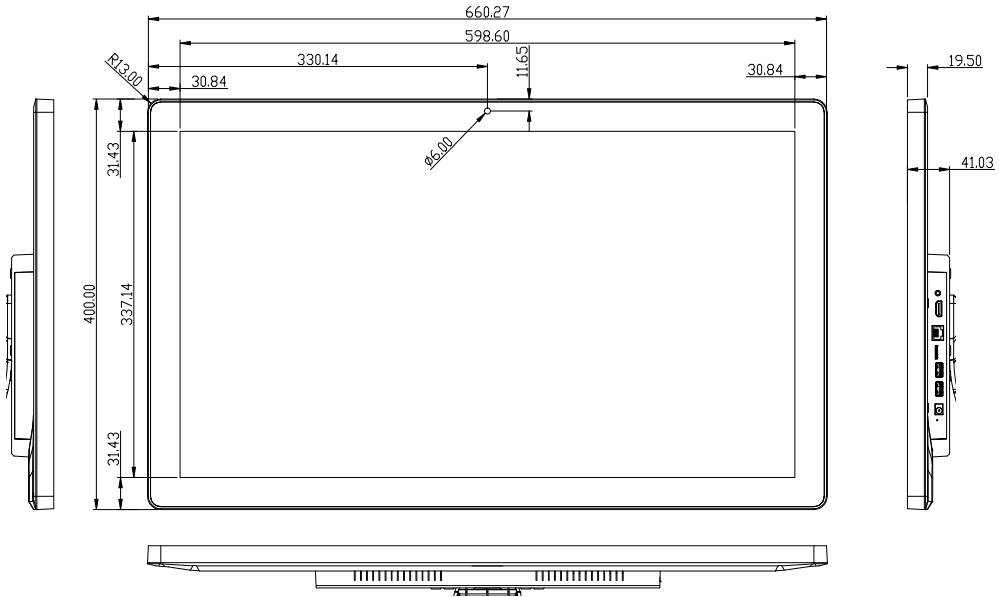
### Octab 23.8" - OCTAB238P-T-4



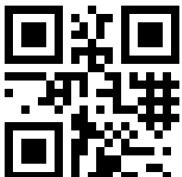
\*Specifications are typical and subject to change.



## Octab 27" - OCTAB270P-T-4



\*Specifications are typical and subject to change.

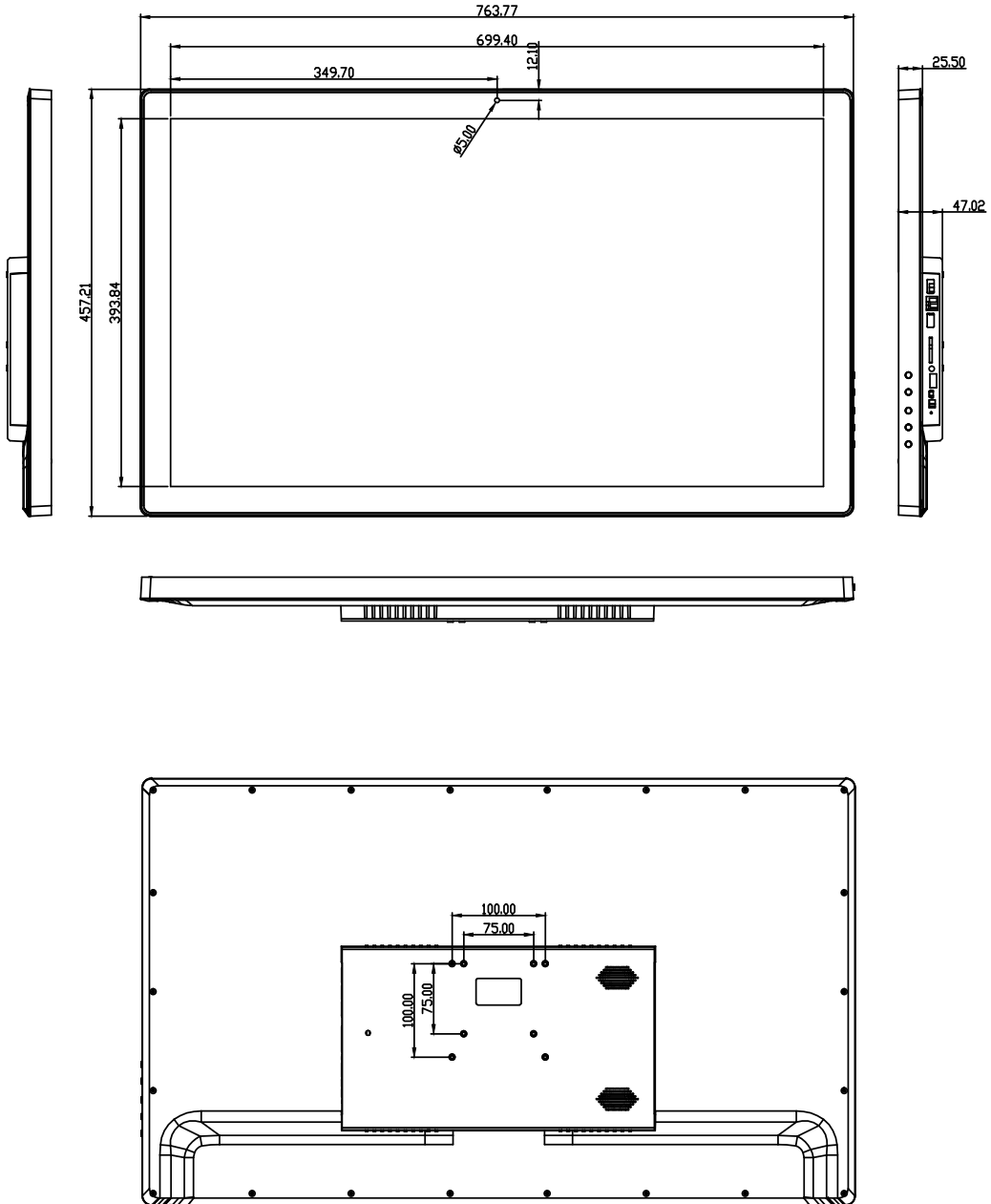


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## Octab 32" - OCTAB320P-T-4



\*Specifications are typical and subject to change.



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