

# 42" Panel PC (W420MIS-CHL2)

Intel® Core i3 Processor

## Features

- Combination of 42" display and pluggable PC module
- Embedded Intel® Core i3 Processor
- Built-in OPS (Open Pluggable Specification)
- 1920x 1080 resolution
- Optional touch



## Specifications

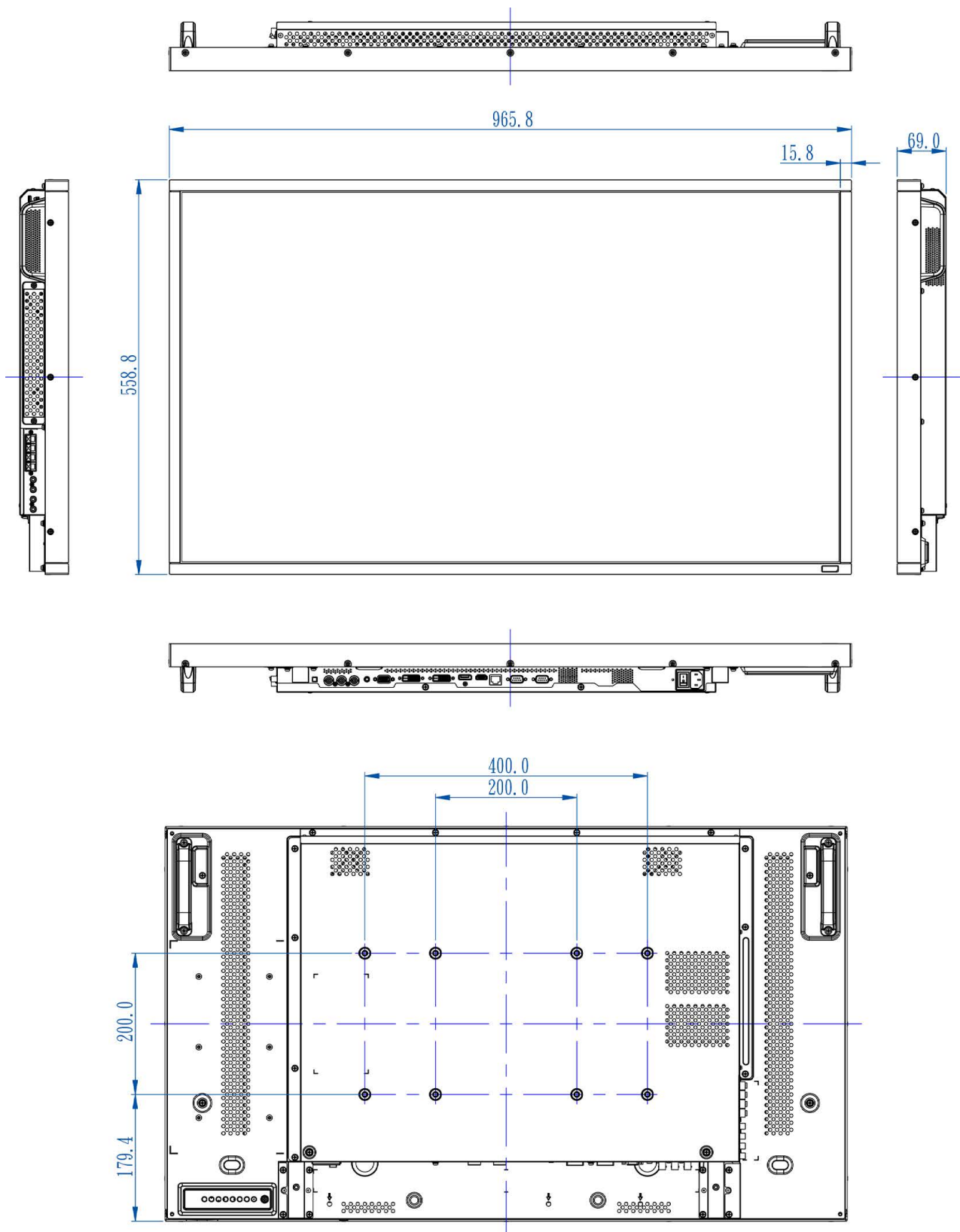
Model Name:W420MIS-CHL2

Display	Resolution	1920x 1080		
	Contrast Ratio	5000:1		
	Viewing Angles	-89~89 (H); -89~89 (V)		
	Maximum Colors	16.7M		
	Brightness	500 nit		
Touch(Optional)	Technology	SAW / Optical Touch		
System Specification	CPU	Intel® Core i3 Processor		
	BIOS	AMI UEFI BIOS / iAMT		
	System Chipset	Intel® QM67 Chipset		
	System Memory	SO-DIMM DDR3-1333MT/s, up to 4GB		
	Operating System (Optional)	Windows Embedded Standard 7		
	Storage	2.5" SATA HDD 500GB		
	Graphic Chipset	Integrated Graphics		
	Ethernet	Intel® 82579 LM Gigabit Ethernet		
	Audio	Realtek ALC 886 codec		
I/O Interface	Display Side	1 x Mini D-sub 15pin In	1 x RCA L/R In	
		1 x DVI-D In	1 x RCA L/R Out	
		1 x DVI-I Out	1 x Audio Jack In	
		1 x Component In (YPbPr)	1 x RS232 In (for control usage)	
		1 x HDMI In	1 x RS232 Out (for control usage)	
		1 x Display port In	1 x LAN (for control usage)	
	OPS Module Side	1x HDMI		
		1x RJ-45		
		2x USB (USB 2.0 compliant)		
		2x RS232 (using Display Port Connector)		
		2x Audio phone jack (Line-in/ Line-out)		
		1x Power button		
Power Requirement	Power Input	110~240V AC in		
	Power Consumption	130W(Typ.)		
Physical Characteristics	Dimensions (Wx Hx D)	965.8 x 558.8x 69 mm		
Environment	Operating Temperature	0°C~45°C		
	Operating Humidity	20%~ 80% (non-condensing, RH)		
	Mounting	VESA mounting		
Certification	Electromagnetic	CE, FCC		
Wireless Communication (Optional, Either one)	Wi-Fi	via half mini PCIe Card		
	3G	On board sim slot		

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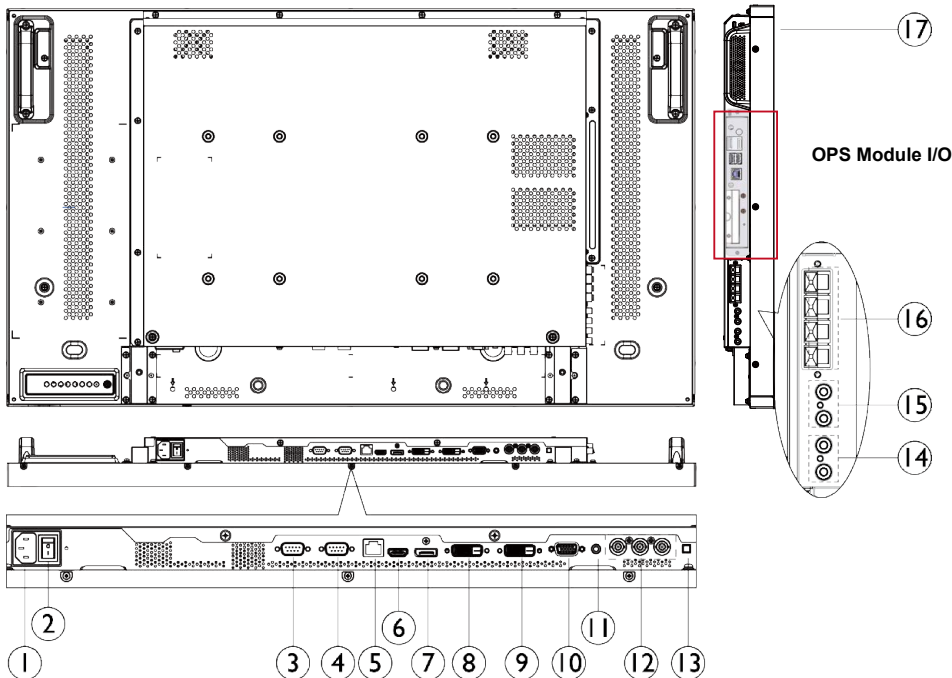
## Dimension



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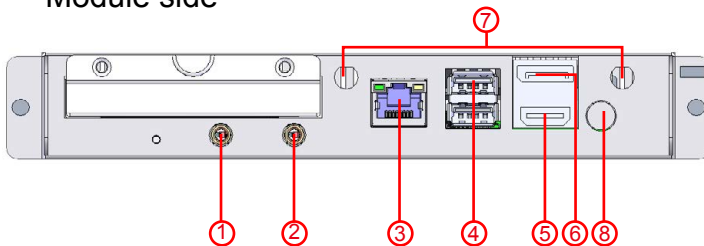
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## I/O Placement



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|--|---|--|
| <p>1 <b>AC IN</b><br/>AC power input from the wall outlet.</p> <p>2 <b>MAIN POWER SWITCH</b><br/>Switch the main power on/off.</p> <p>3 <b>RS232C OUT</b><br/>RS232C network output for the loop-through function.</p> <p>4 <b>RS232C IN</b><br/>RS232C network input for the loop-through function.</p> <p>5 <b>RJ-45</b><br/>LAN port connection from your OPS device.</p> <p>6 <b>HDMI IN</b><br/>HDMI video/audio input.</p> | <p>7 <b>DisplayPort</b><br/>DisplayPort video input.</p> <p>8 <b>DVI IN</b><br/>DVI-D video input.</p> <p>9 <b>DVI OUT / VGA OUT</b><br/>DVI or VGA video output.</p> <p>10 <b>VGA IN (D-Sub)</b><br/>VGA video input.</p> <p>11 <b>VGA AUDIO IN</b><br/>Audio input for VGA source (3.5mm stereo phone).</p> <p>12 <b>COMPONENT IN (BNC)</b><br/>Component YPbPr video source input.</p> | <p>13 <b>SPEAKER SWITCH</b><br/>Internal speaker on/off switch.</p> <p>14 <b>AUDIO IN</b><br/>Audio input from external AV device (RCA).</p> <p>15 <b>AUDIO OUT (RCA)</b><br/>Audio output from the AUDIO IN jack to an external AV device.</p> <p>16 <b>SPEAKERS OUT</b><br/>External speakers output.</p> <p>17 <b>KENSINGTON LOCK</b><br/>Used for security and theft prevention.</p> |
|--|---|--|

### Module side



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|---|---|
| <p>1. Line Out</p> <p>2. Line In</p> <p>3. RJ45</p> <p>4. 2 x USB</p> | <p>5. HDMI</p> <p>6. 2 x RS-232 (Via DP Connector)</p> <p>7. Antenna(Optional)</p> <p>8. Power Switch</p> |
|---|---|

Release Date  
JUN.23.2015