

# LPC-P215W-2CxM

21.5" (1920\*1080) Fanless P-cap Panel PC with Intel® 9th Gen 35W CPU, IP65 Front side, 4 x USB 3.1 , 2 x LAN, 2 x COM, 3 x DP and DC 19~28V Power Input with DC 24V Power Adapter, -20~60°C



## Features

- ▶ 21.5" LCD with 1920\*1080 resolution
- ▶ IP65 Front Bezel
- ▶ 500 nits LED Backlight
- ▶ 35W Fanless Design
- ▶ Operating Temp -20~60 °C
- ▶ VESA 75 x 75 / 100 x 100
- ▶ DC 19~28V Power Input
- ▶ PCIe x16 slot for Low Profile Card Expansion
- ▶ Optional Dual HDD Tray



## System

|                   |                                                                                                                                                                                        |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor         | Intel® Core i3-9100TE/ i5-9500TE/ i7-9700TE, 35W                                                                                                                                       |
| System Memory     | 2 x DDR4 SO-DIMM up to 64GB                                                                                                                                                            |
| External I/O Port | 4 x USB 3.1 Gen1<br>2 x RS232/422/485<br>2 x Intel Gigabit LAN (Intel® I210 & I219LM), supports AMT/vPro<br>3 x DP 1.2<br>1 x 3-Pin Terminal Block for Power Input<br>1 x Power Button |
| Storage           | 1 x M.2 Key M, 2242/2260/2280, SATA/PCIex4, Share with expansion<br>1 x 2.5" Storage Bay                                                                                               |
| Operating System  | Win 10 IoT Enterprise                                                                                                                                                                  |
| Expansion         | 1 x PCIe x16 (Gen3, Support riser card x8/x8, x8/x4/x4)<br>1 x M.2 Key E 2230, with PCIe x1, USB 2.0 and CNVi for Wireless<br>1 x Mini-PCIe Slot with PCIe x1 and USB 2.0              |

## LCD

|                    |                  |
|--------------------|------------------|
| Display Type       | 21.5" TFT LCD    |
| Max. Resolution    | 1920*1080        |
| Max. Color         | 16.7M            |
| Luminance          | 500 nits         |
| View Angle         | 89/ 89 / 89 / 89 |
| Backlight Lifetime | 30,000 hours     |

## Environment

|                |                                                            |
|----------------|------------------------------------------------------------|
| Operating Temp | -20~60°C, IEC-60068-2-1/2/14<br>Optional Temp by -20~70 °C |
| Storage Temp   | -25~75 °C                                                  |
| Humidity       | 10~90% @40 °C, non-condensing                              |
| EMC            | FCC / CE Class A Certification                             |
| Vibration      | 1.5 Grms @10~500Hz, IEC-60068-2-64                         |

## Power Requirement

|             |                                                 |
|-------------|-------------------------------------------------|
| Power Input | DC 19~28V Power Input with DC 24V Power Adapter |
|-------------|-------------------------------------------------|

## Touch Screen

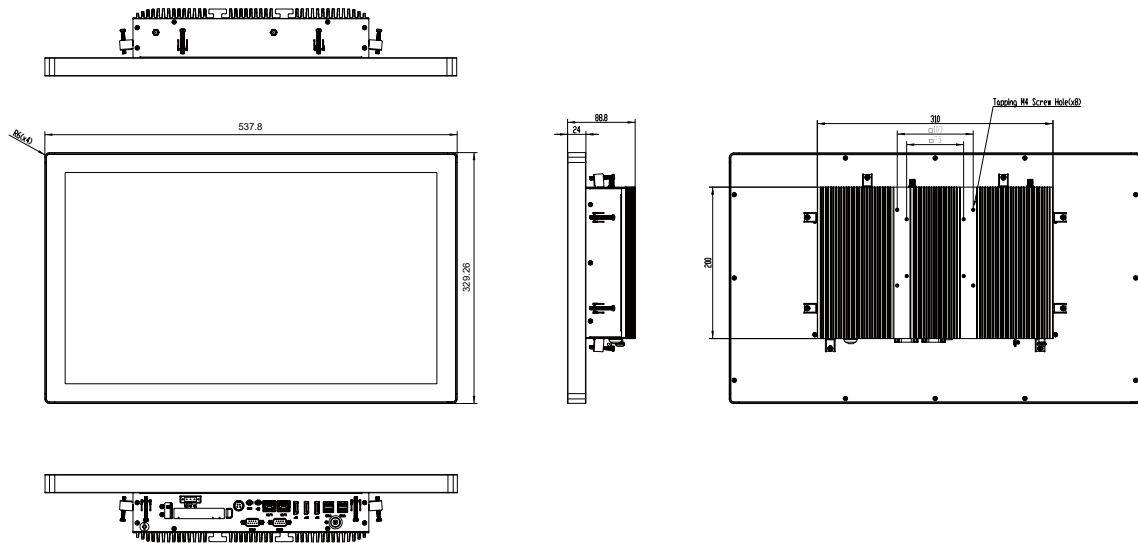
|      |                 |
|------|-----------------|
| Type | USB P-Cap Touch |
|------|-----------------|

## Mechanical

|              |                                   |
|--------------|-----------------------------------|
| Construction | Aluminum Front Bezel and Case     |
| IP Rating    | Front Panel IP65 / IP66 Compliant |
| Mounting     | VESA / Panel Mount                |
| Dimension    | TBC                               |

\* All specifications are subject to change without prior notice.

## Dimension & I/O Connector



### Ordering Information

|                 |                                                                                                                                                       |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| LPC-P215W-2CxM  | 21.5" Fanless P-cap Panel PC with IP65 Front, Low Profile Add-on Card, 4 x USB 3.1 , 2 x LAN, 1 x COM, 3 x DP and DC 19~28V with DC 24V Power Adapter |
| LPC-P215W-2CxMT | 21.5" Fanless P-cap Panel PC with IP65 Front, Dual Storage Tray, 4 x USB 3.1 , 2 x LAN, 1 x COM, 3 x DP and DC 19~28V with DC 24V Power Adapter       |

### Ordering Code

|                                             |                                |
|---------------------------------------------|--------------------------------|
| LPC-P215W-2CxM                              | -H / -OB / -B / -AG / -AR / -V |
| H = High Brightness 1000 nits LED backlight |                                |
| OB = Optical Bonding                        |                                |
| B = Glass Without Touch                     |                                |
| AG = Anti-Glare                             |                                |
| AR = Anti-Reflection                        |                                |
| V = Vandal Proof Glass (By Project)         |                                |

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