

# CV-221C/P2202 Series

21.5" FHD 16:9 Slim Bezel Panel PC with 12th Gen. Intel® Core™ Processor Embedded Computer, Projected Capacitive Touch, and AG Coating



## Slim • Modular • Durable

CV-200/P2000 Series — Modernized Industrial Panel PCs

### Overview

[CONTACT](#)

The CV-200 / P2202 series is a high-performance slim-bezel modular industrial panel PC, powered by Intel® Alder Lake-P U-series Core® processors for stable computing and flexible integration. Featuring ultra-slim bezels, rich I/O (1GbE LAN, USB 3.2, COM, DIO), Mini PCIe and M.2 Key E 2230 slots, and optional CFM modules for PoE or IGN, it supports a wide range of industrial applications. With Cincoze CDS technology, future upgrades are simple. Available in 10"–21.5" Full HD sizes with rugged industrial design, it's ideal for HMIs and production process visualization.

### Key Features

- 21.5" Full HD LCD (1920 x 1080) with 16:9 Aspect Ratio
- Projected Capacitive Touch with Anti-Glare Coating.
- Wide Viewing Angle of 178°/178°
- Onboard Intel® Alder Lake-P U-Series Core™ Processor
- 2 x DDR5 SO-DIMM Socket, Supports up to 4800MHz 64GB Memory
- Quad Independent Display (CDS / HDMI / DP / VGA)
- 1x M.2 Key E Type 2230 Socket for Storage/Wireless/Bluetooth/Intel CNVi Module Expansion
- Front Panel IP66 Compliant

### Certifications



## Excellent Computing Performance

The CV-200/P2202 series is equipped with the 12th Gen Intel® Core™ i5/i3 U-series (Alder Lake-P) processor based on the Intel® 7 process. The U-series has a low power consumption of only 15W, boasts excellent performance with up to 10 cores (2P+8E), and includes the built-in Intel® Iris Xe graphics to easily handle image classification inference performance in AI deep learning.

### i5 Processor

12th Gen Alder Lake i5-1245UE

**+2.23X** ↗

8th Gen. Whiskey i5-8365UE

### i3 Processor

12th Gen Alder Lake i3-1215UE

**+1.62X** ↗

8th Gen. Whiskey i3-8145UE

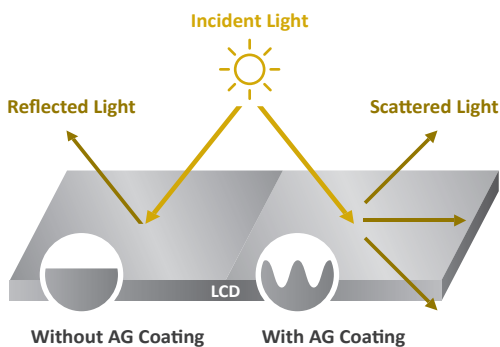
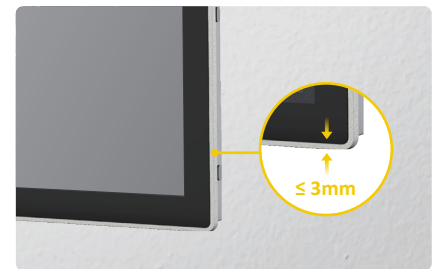


## CDS Patented Technology

Cincoze Convertible Display System (CDS) patented technology makes field-side maintenance and future upgrades easier. Replacing a display or improving system performance only requires replacing a single component, which significantly cuts upgrade costs.

## Ultra-Slim Bezel

With an ultra-slim bezel of  $\leq 3$  mm (varies by display size), the CV-200 minimizes physical constraints for compact installations. It's ideal for space-limited enclosures and applications requiring efficient integration with a streamlined appearance.



## Reliable Touch Performance

All models support P-Cap touch, anti-glare (AG) coating, and wet tracking technology, ensuring stable operation and clear visibility even in humid environments or under bright indoor lighting.

## Rugged, Safe, & More Reliable

To face harsh and rugged usage environments, the CV-200/P2202 series has a series of industrial-grade protections, including a wide operating temperature range, a wide range DC power input (9 to 48VDC), and a dustproof/water resistant IP66 front panel, which is beneficial for applications such as field-side HMI or production process visualization.



## CV-221C Specifications

| Model Name              | CV-221C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Display</b>          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| LCD Size                | • 21.5" (16:9)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Max. Resolution         | • 1920x1080                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Brightness (cd/m2)      | • 300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Contrast Ratio          | • 5000 : 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| LCD Color               | • 16.7M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Pixel Pitch (mm)        | • 0.24825 (H) x 0.24825 (V)                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Viewing Angle (H-V)     | • 178 / 178                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Backlight LED Life Time | • 50,000 hrs (LED Backlight)                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Touch Screen</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Touch Type              | • Projected Capacitive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Anti-Glare              | • V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Wet Touch Tracking      | • V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Physical</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Dimension ( W x D x H ) | • 522.4 x 318.3 x 63.4 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Weight Information      | • 5.28 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Mechanical Construction | • Die-Casting Flat Surface                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Power</b>            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Power Consumption       | • 24.8 W (Max.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Environment</b>      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Front Panel Protection  | • IP 66 Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Operating Temperature   | • 0°C - 60°C (32°F to 140°F)<br>- With Industrial Grade peripherals; Ambient with air flow                                                                                                                                                                                                                                                                                                                                                                                                            |
| Storage Temperature     | • -20°C - 60°C (-4°F to 140°F)                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Relative Humidity       | • 90% RH @ 40°C (non-condensing)                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| EMC                     | • CE, UKCA, FCC, ICES-003 Class A                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| EMI                     | • CISPR 32 Conducted & Radiated: Class A<br>• EN/BS EN 55032 Conducted & Radiated: Class A<br>• EN/BS EN 50121-3-2 Conducted & Radiated: Class A<br>• EN/BS EN IEC 61000-3-2 Harmonic current emissions: Class A<br>• EN/BS EN 61000-3-3 Voltage fluctuations & flicker<br>• FCC 47 CFR Part 15B, ICES-003 Conducted & Radiated: Class A                                                                                                                                                              |
| EMS                     | • EN/IEC 61000-4-2 ESD: Contact: 6 kV; Air: 8 kV<br>• EN/IEC 61000-4-3 RS: 80 MHz to 1000 MHz: 20 V/m<br>• EN/IEC 61000-4-4 EFT: AC Power: 2 kV; DC Power: 1 kV; Signal: 2 kV<br>• EN/IEC 61000-4-5 Surges: AC Power: 2 kV; Signal: 1 kV<br>• EN/IEC 61000-4-6 CS: 10V<br>(**Compliant with the standard when utilizing shielded cable.)<br>• EN/IEC 61000-4-8 PFMF: 50/60 Hz, 30A/m<br>• EN/IEC 61000-4-11 (50/60 Hz): Voltage dips duration up to 25/30 cycles; interruptions up to 250/300 cycles. |
| Industrial Environment  | • EMC:<br>- EN/BS/IEC 61000-6-4: 2019 Class A<br>- EN/BS/IEC 61000-6-2: 2019                                                                                                                                                                                                                                                                                                                                                                                                                          |

|         |                                                                                                                                                                                |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Railway | <ul style="list-style-type: none"><li>• EMC: EN 50155: 2021 Clause 4.4.6, 13.4.9 (w/ M1101 only)</li><li>- EN 50121-1 : 2017</li><li>- EN 50121-3-2: 2016 + A1: 2019</li></ul> |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

P2202 Specifications

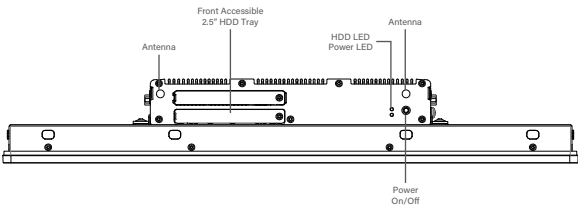
| Model Name                              | P2202                                                                                                                                                                                                                                                                           |                                                                                                                                                                                           | P2202E |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| System                                  |                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                           |        |
| Processor                               | <ul style="list-style-type: none"><li>Onboard 12th Generation Intel® Alder Lake-P U-Series CPU:<ul style="list-style-type: none"><li>Intel® Core™ i5-1245UE 10 Cores Up to 4.40 GHz, TDP 15W</li><li>Intel® Core™ i3-1215UE 6 Cores Up to 4.40 GHz, TDP 15W</li></ul></li></ul> |                                                                                                                                                                                           |        |
| Memory                                  | <ul style="list-style-type: none"><li>2x DDR5 4800MHz SO-DIMM Socket</li><li>Supports Un-buffered and non-ECC Type, Up to 64GB</li></ul>                                                                                                                                        |                                                                                                                                                                                           |        |
| BIOS                                    | <ul style="list-style-type: none"><li>AMI BIOS</li></ul>                                                                                                                                                                                                                        |                                                                                                                                                                                           |        |
| Graphics                                |                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                           |        |
| Graphics Engine                         | <ul style="list-style-type: none"><li>Integrated Intel® Iris® Xe Graphics: Core™ i5-1245UE</li><li>Integrated Intel® UHD Graphics: Core™ i3-1215UE</li></ul>                                                                                                                    |                                                                                                                                                                                           |        |
| Maximum Display Output                  | <ul style="list-style-type: none"><li>Supports Quad Independent Display</li></ul>                                                                                                                                                                                               |                                                                                                                                                                                           |        |
| CDS                                     | <ul style="list-style-type: none"><li>1x CDS Connector (1920 x 1080 @60Hz)</li></ul>                                                                                                                                                                                            |                                                                                                                                                                                           |        |
| DP                                      | <ul style="list-style-type: none"><li>1x DisplayPort Connector (4096 x 2304 @60Hz)</li><li>* Verified maximum resolution: 3840 x 2160 @ 60Hz</li></ul>                                                                                                                          |                                                                                                                                                                                           |        |
| HDMI                                    | <ul style="list-style-type: none"><li>1x HDMI Connector (3840 x 2160 @30Hz)</li></ul>                                                                                                                                                                                           |                                                                                                                                                                                           |        |
| VGA                                     | <ul style="list-style-type: none"><li>1x VGA Connector (1920 x 1200 @60Hz)</li></ul>                                                                                                                                                                                            |                                                                                                                                                                                           |        |
| Audio                                   |                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                           |        |
| Audio Codec                             | Realtek® ALC888, High Definition Audio                                                                                                                                                                                                                                          |                                                                                                                                                                                           |        |
| Line-out                                | <ul style="list-style-type: none"><li>1x Line-out, Phone Jack 3.5mm</li></ul>                                                                                                                                                                                                   |                                                                                                                                                                                           |        |
| Mic-in                                  | <ul style="list-style-type: none"><li>1x Mic-in, Phone Jack 3.5mm</li></ul>                                                                                                                                                                                                     |                                                                                                                                                                                           |        |
| I/O                                     |                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                           |        |
| LAN                                     | <ul style="list-style-type: none"><li>2x 1GbE LAN, RJ45<ul style="list-style-type: none"><li>GbE1: Intel® I219</li><li>GbE2: Intel® I210</li></ul></li></ul>                                                                                                                    |                                                                                                                                                                                           |        |
| COM                                     | <ul style="list-style-type: none"><li>4x RS-232/422/485 with Auto Flow Control (Supports 5V/12V), DB9</li></ul>                                                                                                                                                                 |                                                                                                                                                                                           |        |
| USB                                     | <ul style="list-style-type: none"><li>3 x USB 3.2 Gen2x1 (10Gbps), Type A</li><li>1 x USB 2.0 (480Mbps), Type A</li></ul>                                                                                                                                                       |                                                                                                                                                                                           |        |
| DIO                                     | <ul style="list-style-type: none"><li>16x Isolated Digital I/O (8in/8out), 20-Pin Terminal Block</li></ul>                                                                                                                                                                      |                                                                                                                                                                                           |        |
| Storage                                 |                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                           |        |
| SSD/HDD                                 | <ul style="list-style-type: none"><li>2x 2.5" SATA HDD/SSD Bay (SATA3.0)</li></ul>                                                                                                                                                                                              |                                                                                                                                                                                           |        |
| RAID                                    | <ul style="list-style-type: none"><li>Support RAID 0/1</li></ul>                                                                                                                                                                                                                |                                                                                                                                                                                           |        |
| Expansion                               |                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                           |        |
| Mini PCI Express                        | <ul style="list-style-type: none"><li>2x Full-size Mini-PCIe Socket</li></ul>                                                                                                                                                                                                   |                                                                                                                                                                                           |        |
| PCI Express                             |                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"><li>1x PCI or 1x PCIe x4 Expansion slot (with Optional Riser Card)</li><li>* Supports maximum dimensions of add-on card (H x L) : 111 x 169mm</li></ul> |        |
| SIM Socket                              | <ul style="list-style-type: none"><li>1x SIM Socket</li></ul>                                                                                                                                                                                                                   |                                                                                                                                                                                           |        |
| M.2                                     | <ul style="list-style-type: none"><li>1x M.2 Key E Type 2230 Socket (PCIe Gen 3x2 / USB2.0), Support Storage/Wireless/Bluetooth/Intel CNVi Module Expansion</li></ul>                                                                                                           |                                                                                                                                                                                           |        |
| CFM (Control Function Module) Interface | <ul style="list-style-type: none"><li>1x CFM Interface for optional IGN Module Expansion</li><li>1x CFM Interface for optional PoE Module Expansion</li></ul>                                                                                                                   |                                                                                                                                                                                           |        |

|                                            |                                                                                                                                                                |                       |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| CDS (Convertible Display System) Interface | ▪ 1x CDS Interface for Convertible Display Module                                                                                                              |                       |
| Other Function                             |                                                                                                                                                                |                       |
| Clear CMOS Switch                          | ▪ 1x Clear CMOS Switch                                                                                                                                         |                       |
| Reset Button                               | ▪ 1x Reset Button                                                                                                                                              |                       |
| Watchdog Timer                             | ▪ Software Programmable Supports 256 Levels System Reset                                                                                                       |                       |
| OSD Button                                 | ▪ LCD On/Off, Brightness Up, Brightness Down                                                                                                                   |                       |
| Internal Speaker                           | ▪ AMP 2W + 2W                                                                                                                                                  |                       |
| Status LED Indicator                       | ▪ Power LED, HDD LED                                                                                                                                           |                       |
| Power                                      |                                                                                                                                                                |                       |
| Power Button                               | ▪ 1x ATX Power On/Off Button                                                                                                                                   |                       |
| Power Mode Switch                          | ▪ 1x AT/ATX Mode Switch                                                                                                                                        |                       |
| Power Input                                | ▪ 9 - 48VDC, 3-pin Terminal Block                                                                                                                              |                       |
| Remote Power On/Off                        | ▪ 1x Remote Power On/Off, 2-pin Terminal Block                                                                                                                 |                       |
| Max. Power Consumption                     | ▪ i5-1245UE CPU: 95.06W<br>- Test conducted with CPU, 1x RAM, and 1x storage<br>- 100% load during burn-in testing                                             |                       |
| Inrush Current (Peak)                      | ▪ i5-1245UE CPU: 5.381 A@24V                                                                                                                                   |                       |
| Operating System                           |                                                                                                                                                                |                       |
| Windows                                    | ▪ Windows®11, Windows®10                                                                                                                                       |                       |
| Linux                                      | ▪ Ubuntu Desktop 22.04 LTS                                                                                                                                     |                       |
| Physical                                   |                                                                                                                                                                |                       |
| Dimension( W x D x H )                     | ▪ 254.5 x 190 x 41.5 mm                                                                                                                                        | ▪ 254.5 x 190 x 61 mm |
| Weight Information                         | ▪ 2.22 kg                                                                                                                                                      | ▪ 2.74 kg             |
| Mechanical Construction                    | ▪ Extruded Aluminum with Heavy Duty Metal                                                                                                                      |                       |
| Mounting                                   | ▪ Wall / VESA / CDS / DIN Rail                                                                                                                                 |                       |
| Physical Design                            | ▪ Fanless Design<br>▪ Jumper-less Design                                                                                                                       |                       |
| Reliability & Protection                   |                                                                                                                                                                |                       |
| Reliability & Protection                   | ▪ Yes                                                                                                                                                          |                       |
| Reverse Power Input Protection             | ▪ Protection Range: 51~58V<br>▪ Protection Type: shut down operating voltage, re-power on at the preset level to recover                                       |                       |
| Over Current Protection                    | ▪ 15A                                                                                                                                                          |                       |
| CMOS Battery Backup                        | ▪ SuperCap Integrated for CMOS Battery Maintenance-free Operation                                                                                              |                       |
| MTBF                                       | ▪ 216,747 Hours - Database: Telcordia SR-332 Issue3, Method 1, Case 3                                                                                          |                       |
| Environment                                |                                                                                                                                                                |                       |
| Operating Temperature                      | ▪ -40°C to 70°C (-40°F to 158°F)<br>* With extended temperature peripherals; Ambient with air flow<br>* According to IEC60068-2-1, IEC60068-2-2, IEC60068-2-14 |                       |
| Storage Temperature                        | ▪ -40°C to 85°C (-40°F to 185°F)                                                                                                                               |                       |
| Relative Humidity                          | ▪ 95%RH @ 70°C (non-Condensing)                                                                                                                                |                       |
| Shock                                      | ▪ Operating, 50 Grms (w/ SSD, according to IEC60068-2-27)                                                                                                      |                       |

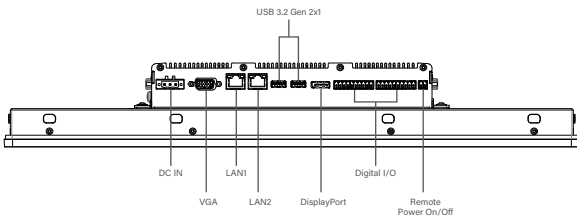
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|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Vibration | <ul style="list-style-type: none"><li>• Operating, 1 Grms, 10-500 Hz, 3 Axes (w/ SSD, according to IEC60068-2-6)</li><li>• Operating, 5 Grms, 5-500 Hz, 3 Axes (w/ SSD, according to IEC60068-2-64)</li></ul>                                                                                                                                                                                                                                                                    |
| EMC       | <ul style="list-style-type: none"><li>• CE, UKCA, FCC, ICES-003 Class A</li><li>• EN IEC 61000-6-4, EN IEC 61000-6-2(24VDC Input Only)</li></ul>                                                                                                                                                                                                                                                                                                                                 |
| EMI       | <ul style="list-style-type: none"><li>• CISPR 32 Conducted &amp; Radiated: Class A</li><li>• EN/BS EN 55032 Conducted &amp; Radiated: Class A</li><li>• EN/BS EN IEC 61000-3-2 Harmonic current emissions: Class A</li><li>• EN/BS EN61000-3-3 Voltage fluctuations &amp; flicker</li><li>• FCC 47 CFR Part 15B, ICES-003 Conducted &amp; Radiated: Class A</li></ul>                                                                                                            |
| EMS       | <ul style="list-style-type: none"><li>• EN/IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV</li><li>• EN/IEC 61000-4-3 RS: 80 MHz to 1000 MHz: 10 V/m</li><li>• EN/IEC 61000-4-4 EFT: AC Power: 2 kV; DC Power: 1 kV; Signal: 1 kV</li><li>• EN/IEC 61000-4-5 Surges: AC Power: 2 kV; Signal: 1 kV</li><li>• EN/IEC 61000-4-6 CS: 10V</li><li>• EN/IEC 61000-4-8 PFMF: 50 Hz, 30A/m</li><li>• EN/IEC 61000-4-11 Voltage Dips &amp; Voltage Interruptions: 1 cycles at 60 Hz</li></ul> |
| Safety    | <ul style="list-style-type: none"><li>• UL, cUL, CB, IEC/EN 62368-1</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                    |

CV-221C/P2202 External Layout

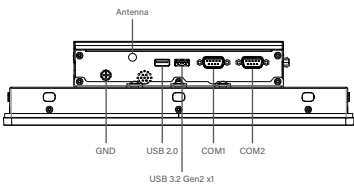
Front I/O



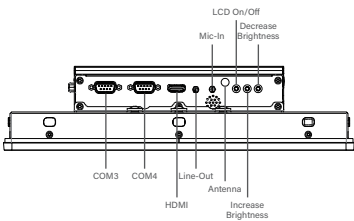
Rear I/O



Left I/O

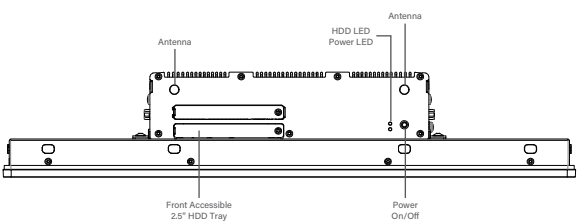


Right I/O

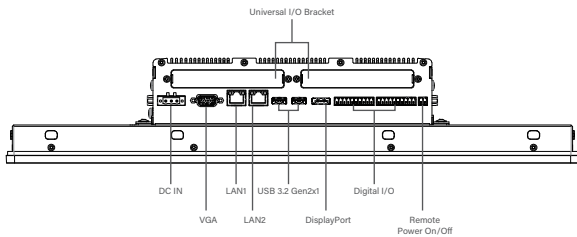


CV-221C/P2202E External Layout

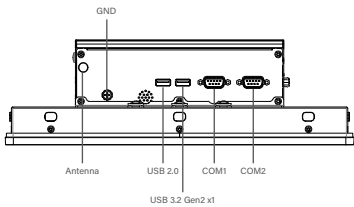
Front I/O



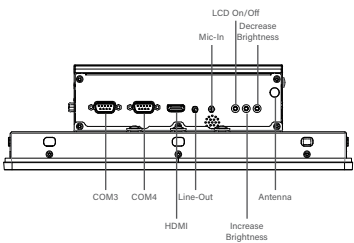
Rear I/O



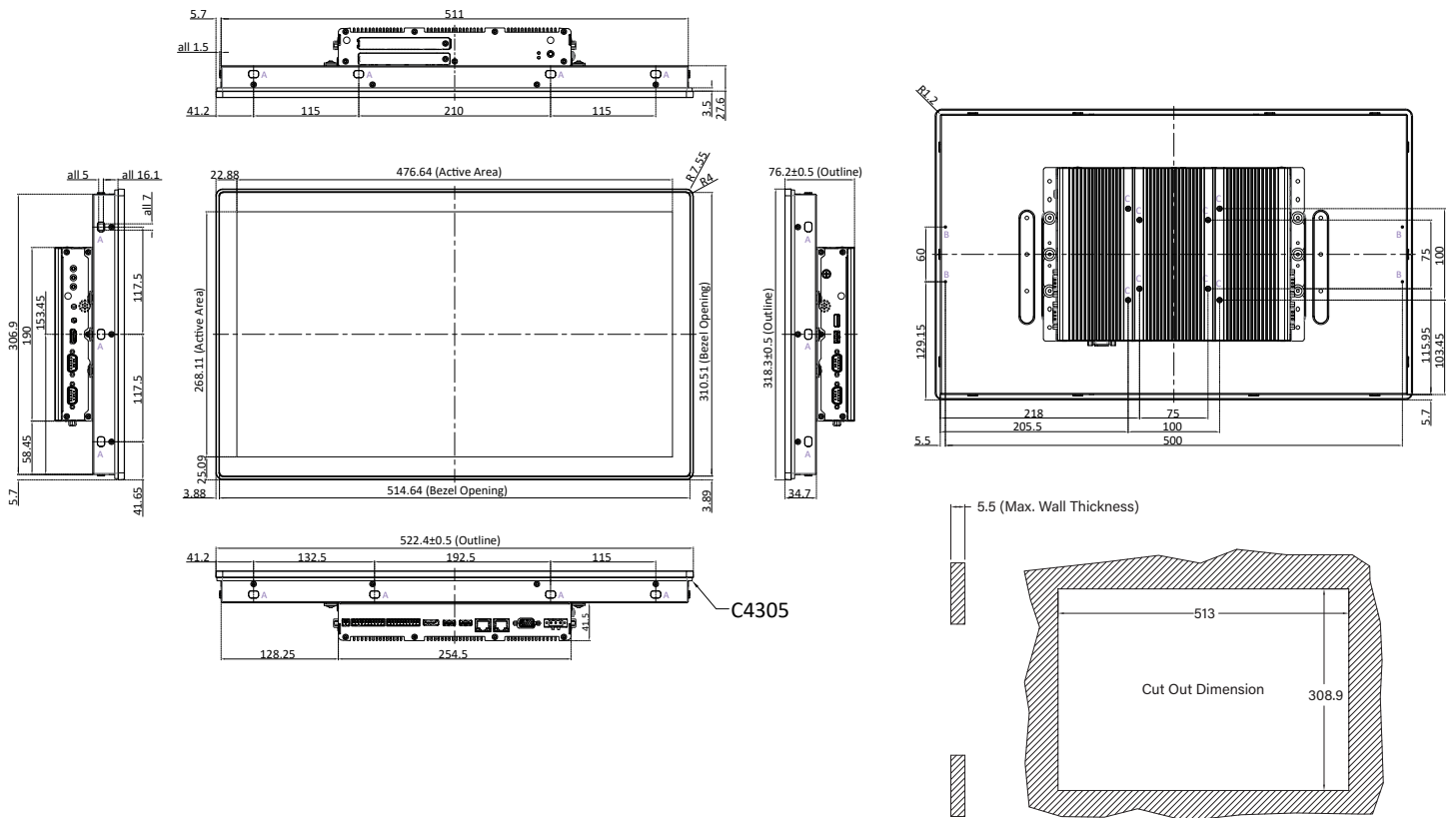
Left I/O



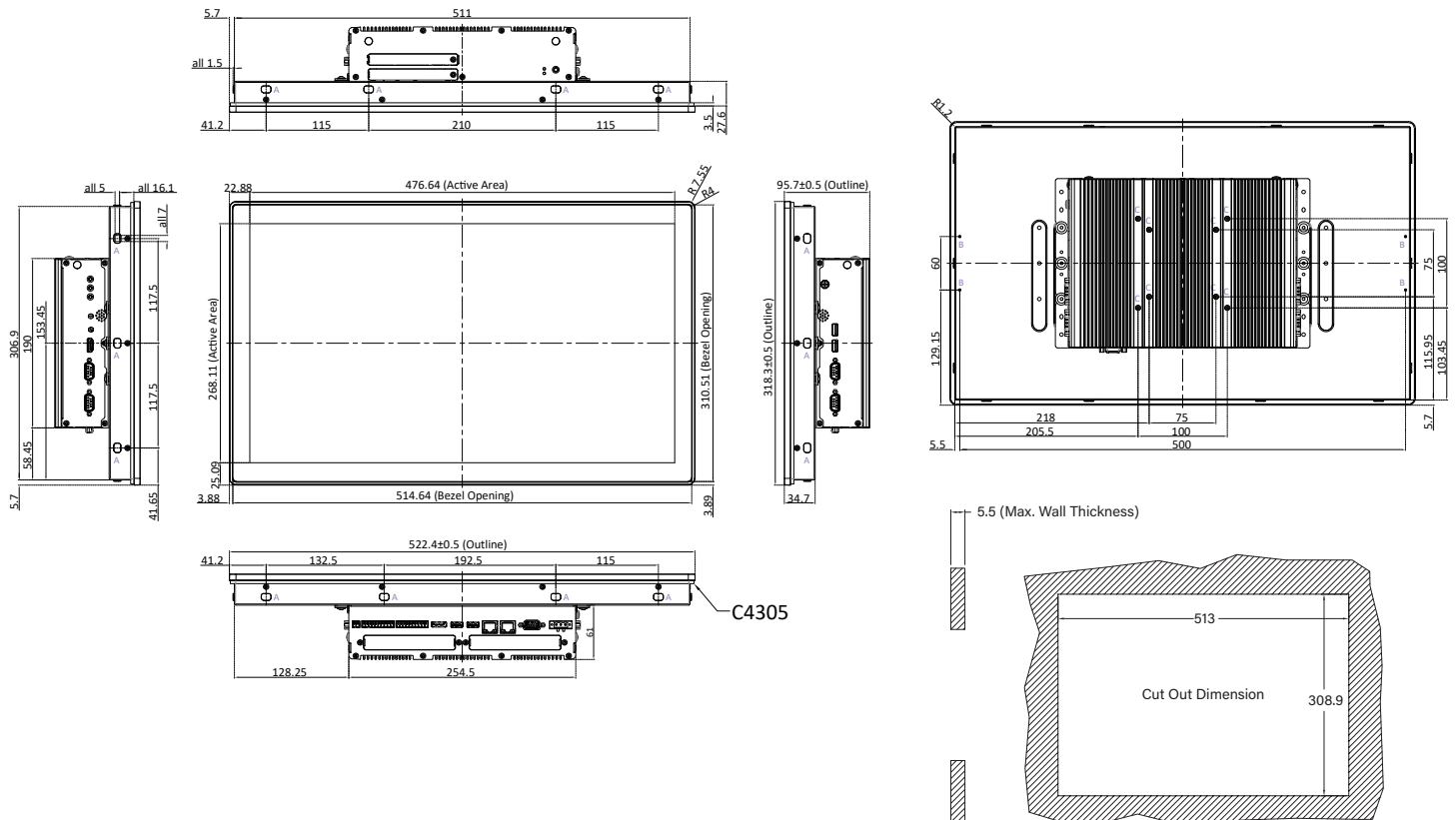
Right I/O



## CV-221C/P2202 Dimensions



## CV-221C/P2202E Dimensions



Ordering Information

Available Models

| Model No.                 | Description                                                                                                                                                 |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CV-221C-R10/P2202-i5-R10  | 21.5" FHD 16:9 Slim Bezel Panel PC with 12th Gen. Intel® Core™ i5-1245UE Processor Embedded Computer, Projected Capacitive Touch, and AG Coating            |
| CV-221C-R10/P2202E-i5-R10 | 21.5" FHD 16:9 Slim Bezel Panel PC with 12th Gen. Intel® Core™ i5-1245UE Processor Expandable Embedded Computer, Projected Capacitive Touch, and AG Coating |
| CV-221C-R10/P2202-i3-R10  | 21.5" FHD 16:9 Slim Bezel Panel PC with 12th Gen. Intel® Core™ i3-1215UE Processor Embedded Computer, Projected Capacitive Touch, and AG Coating            |
| CV-221C-R10/P2202E-i3-R10 | 21.5" FHD 16:9 Slim Bezel Panel PC with 12th Gen. Intel® Core™ i3-1215UE Processor Expandable Embedded Computer, Projected Capacitive Touch, and AG Coating |

Model Configuration

|                | CV-221C | P2202(i3/i5) | P2202E(i3/i5) |
|----------------|---------|--------------|---------------|
| CV-221C/P2202  | V       | V            | --            |
| CV-221C/P2202E | V       | --           | V             |

V : Compatible

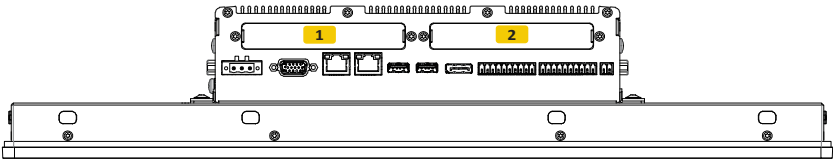
Package Checklist

|                                                          |                            |
|----------------------------------------------------------|----------------------------|
| • CV-221C/P2202 Series Panel PC x1                       | • Thermal Pad x1           |
| • Power Terminal Block x1                                | • Screws Pack x5           |
| • Remote Power On/Off Terminal Block Connector x1        | • Panel Mounting Kit x14   |
| • DIO Terminal Block Connector x2                        | • DIN Rail Mounting Kit x1 |
| • PCI / PCIe Card Installation Kit x 1 (For P2202E Only) |                            |

Optional Modules and Accessories

| Model No.         | Description                                                                                   |
|-------------------|-----------------------------------------------------------------------------------------------|
| CFM-IGN101        | CFM Module with Power Ignition Sensing Control Function, 12V/24V Voltage Detection Selectable |
| CFM-PoE04         | CFM Module with PoE Control Function, Individual Port 25.5W (For P2202 Only)                  |
| CFM-PoE05         | CFM Module with PoE Control Function, Individual Port 25.5W (For P2202E Only)                 |
| RC-E4-02          | Riser Card with 1x PCIe x4 Slot (For P2202E Only)                                             |
| RC-PI-02          | Riser Card with 1x PCI Slot (For P2202E Only)                                                 |
| MEC-COM-M212-TDB9 | Mini-PCle Module with 2x RS-232 Ports, 1x Thin DB9 Cable (For P2202E Only)                    |
| MEC-COM-M334-TDB9 | Mini-PCle Module with 4x RS-232/422/485 Ports, 2x Thin DB9 Cable (For P2202E Only)            |
| MEC-USB-M102-30   | Mini-PCle Module with 2x USB 3.0 Ports, 1x 30cm cable (For P2202E Only)                       |
| MEC-LAN-M102-30   | Mini-PCle Module with 2x LAN Ports, 2x 30cm cable (For P2202E Only)                           |
| UB1203            | 1x Universal Bracket with 2x DB9 Cutout (For P2202E Only)                                     |
| UB1211            | 1x Universal Bracket with 2x RJ45 Cutout (For P2202E Only)                                    |
| UB1214            | 1x Universal Bracket with 2x USB Cutout (For P2202E Only)                                     |
| URM01             | Universal 19" Rack Mount Kit for Industrial Panel PC & Industrial Monitor                     |
| GST120A24-CIN     | Adapter AC/DC 24V 5A 120W with 3pin Terminal Block Plug and Tubes, Level VI                   |
| GST220A24-CIN     | Adapter AC/DC 24V 9.2A 220W with 3pin Terminal Block Plug 5.0mm Pitch, with TUBES, level VI   |
| GST360A24-CIN     | Adapter AC/DC 24V 15A 360W with 3pin Terminal Block Plug 5.0mm Pitch, with TUBES, Level VI    |

Optional Module Configuration (For P2202E only)



| Model No.                                                                                                       | Description                                                                                             | 1 | 2 |
|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---|---|
| <br>MEC-COM-M212-TDB9/UB1203 | Mini-PCle Module with 2x RS-232 Ports, 1x Thin DB9 Cable /<br>1x Universal Bracket with 2x DB9 Cutout   | V | V |
| <br>MEC-COM-M334-TDB9/UB1203 | Mini-PCle Module with 4x RS-232/422/485 Serial Ports/<br>2x Universal Bracket each with 2x DB9 Cutout   | V | V |
| <br>MEC-LAN-M102-30/UB1211   | Mini-PCle Module with 2x LAN Ports, 2x 30cm cable /<br>1x Universal Bracket with 2x RJ45 Cutout         | V | V |
| <br>MEC-USB-M102-30/UB1214   | Mini-PCle Module with 2x USB 3.2 Gen1 Ports, 1x 30cm cable /<br>1x Universal Bracket with 2x USB Cutout | V | V |

V : Compatible