

IP65 FRONT PANEL PC (Metal-3mm)



15" Fanless Design Front IP65 Panel PC, 1024 x 768, 250nits, Panel Mount (with 3mm font bezel) / Clamp with VESA Mount Design with Resistive Touch, JNC8H-H310 / i5-8500T, RAM 8GB / SSD 500GB, 100-240VAC Power Cord, Win 11 Pro 64bit

MODEL: CPM1500-i5-TR-V1



FEATURES:

- 15" Industrial Panel / 1024x768 / 250nits
- Panel Mount (with 3mm font bezel) / Clamp with VESA Mount Design
- Resistive Touch / Front IP65
- Fanless Design
- JNC8H-H310 / i5-8500T (9M Cache, up to 3.50GHz, 8th Generation Intel Core i5 Processor) / RAM 8GB / SSD 500GB
- 100-240VAC power cord
- Win 11 Pro 64bit

SPECIFICATIONS:

| | | |
|----------------------------|----------------------------|---------------------------------------------------------|
| Panel | Cell Type / Glass Surface | TFT LCD / Black Anti-Glare, low reflection coating |
| | Aspect Ratio / Size | 4 : 3 / 15" viewable diagonal area |
| | Active Area / Pixel Pitch | 305.80(H) x 229.70(V) mm / 0.297(H) x 0.297(V) mm |
| | Native Resolution / Colors | 1024(H) x 768(V) / 16.2 M |
| | Brightness / Contrast | 250 cd/m ² (typ) / 700 : 1 |
| | Response Time | < 35 ms |
| | Viewing Angle (typical) | H. 140° (- 70° ~ + 70°) , V. 120° (- 60° ~ + 60°) |
| | Light Source | LED backlight, Long life, 35,000 hrs (typ) |
| Power | Power Input | 100-240VAC |
| Operating Condition | Temperature / Humidity | 0°C ~ 50°C (32°F ~ 122°F) , 10% ~ 90% (no condensation) |
| Dimensions | Physical | Please refer to Drawing |
| | Carton | W x H x D = TBD |

| | | | | |
|----------------|------------------|----------------------|--------------------------|------------------------------|
| Options | Touch | Video / TV | Enhanced Panel | Others |
| | Resistive touch | SV + AV | Panel with LED backlight | Digital Signage(Stand alone) |
| | Capacitive touch | SV + AV + AV_Looping | High brightness panel | Networking Digital Signage |
| | SAW touch | SV + AV + TV | Wide Temperature | Motion Sensor |
| | Infrared touch | | Sunlight Readable | Light Sensor |
| | Protected glass | | | Auto-Dimming |

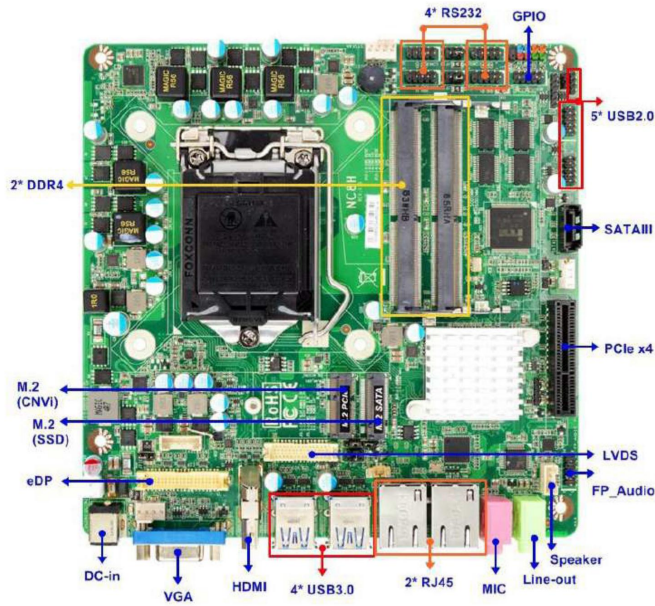
**Specifications subject to change without notice, not responsible for typographical errors.*

MOTHERBOARD SPECIFICATIONS:



- Intel LGA1151 Socket Core 13,15,17 Pentium Processor (Max 65W)
- Intel Coffee Lake-S H310 Chip support 9th CPU
- Support Single Channel DDR4 2133MHz, up to 64GB
- Realtek ALC662VD Audio
- 1* Intel® 1219-V + 1* Intel® i211AT GbE
- 1* SATAIII (6Gb/s) & M.2 (M key 2242)
- HDMI/VGA/EDP (CO-lay LVDS) Output
- 4* RS232 (COM1/2 Support 5V/12V TTL), 4* External USB3.0, 5* Internal USB2.0
- 1* PCIe x4 Slot, 1* M.2 E key Support CNVi
- DC 12~24V Input
- Thin MINI ITX Form Factor (170 *170 mm)

INTERNAL DIAGRAM

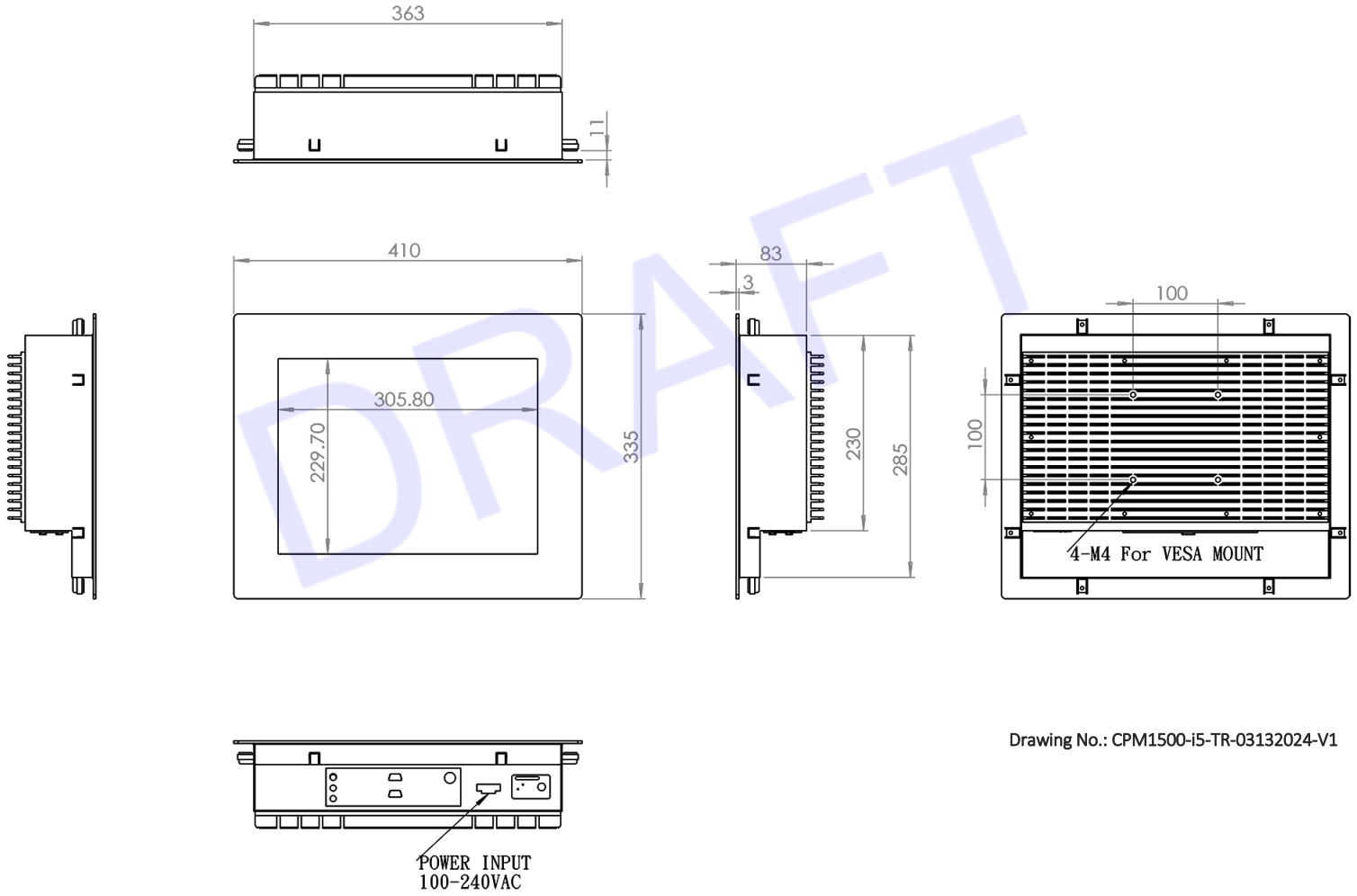


| | |
|-------------------------|---------------------------------------------------|
| Form Factor | |
| Dimensions | - Thin Mini ITX (170 * 170mm) |
| Processor System | |
| CPU | - Intel® LGA1151 Series Processor (Max. 65W) |
| Core Number | - by CPU |
| Max Speed | - by CPU |
| L2 Cache | - by CPU |
| Chipset | -H310 |
| BIOS | -AMI 128M Flash ROM |
| Expansion Slot | |
| M.2 | -1 (E key 2230,Support CNVi) |
| SATA | -1 |
| PCI-e | -1 * PCI-E x4 slot |
| Memory | |
| Technology | - Single channel DDR4 2133MHz DRAM |
| Max. | -64GB |
| Socket | -2*SO-DIMM |
| Graphics | |
| Controller | - Intel® HD Graphics |
| VRAM | - Shared Memory |
| VGA | -1 (Max. Resolution: 1920x1200@60Hz) |
| LVDS | -1 (Co-lay eDP, Max. Resolution: 1920x1080@60Hz) |
| eDP1.3 | -1 (Co-lay LVDS, Max. Resolution: 4096x2304@60Hz) |
| HDMI 1.4 | -1 (Max Resolution : 4096x2160@30Hz) |
| Multi Display | - Dual Display |
| Ethernet | |
| Ethernet | -10/100/1000 Mbps |
| Controller | - Intel® 1219-V + i211AT Gigabit LAN |
| Connector | - 2* RJ 45 |
| Audio | |
| CODEC | - HD Audio : Realtek ALC662VD |
| Channel | - Line-Out, MIC |
| SATA | |
| Max Data Transfer Rate | -1* SATA III (6.0Gb/s) |

| | |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Rear I/O | |
| VGA | -1 |
| HDMI | -1 |
| Ethernet | -2 |
| USB | -4* USB 3.0 |
| Audio | -1 (Line-out, MIC) |
| DC-input | -1 |
| Internal Connector | |
| USB | -5 (USB 2.0) |
| PS/2 | -1 |
| LVDS / inverter | -1 (Co-lay eDP) |
| eDP | -1 |
| Serial | - 4 (COM1/2 Support 5V/12V TTL) |
| SATA | -1* SATA III (6.0Gb/s) |
| M.2 | - 2 (M key + E key) |
| GPIO | -1 (8 bit) |
| Chassis intrusion | -1 |
| Audio Header | -1 |
| SMBUS/I2C | -1 |
| AT mode | -1 |
| Watchdog Timer | |
| Output | - From Super I/O to drag RESETCON# |
| Interval | - 256 segments (IOsec ~ 255min) |
| Power Requirements | |
| Input PWR | -12 ~ 24V DC-in |
| Power On | - AT/ATX Supported - AT : Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready |
| Certifications | |
| Certifications | - CE, FCC, RoHS, REACH |
| Environment | |
| Temperature | - Operating: 0°C~60°C - Storage: -20°C~85°C |
| Warranty | |
| Warranty | - 2 Years Limited Warranty |
| Packing | |
| Packing | - Net Weight: - Gross Weight: - Color Box dimension: 362*290.5*65mm |

MECHANICAL DRAWING:

This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.



Drawing No.: CPM1500-i5-TR-03132024-V1