

FRONT IP65 PANEL PC (3mm Front Bezel)



Portrait Type 17.3" 1920x1080, 250nits Resistive Touch,
USB Controller / Front IP65 Industrial Panel PC Panel
Mount (with 3mm Front Bezel), JNC8H-H310 / i3-8100T
RAM 8GB / SSD 256GB Win 11 Pro 64bit

Model: CPMW1730-i3-DC-AE1

FEATURES:

- 17.3" Industrial Panel / 1920x1080 / 250nits
- Portrait Type
- Panel Mount (with 3mm front bezel) / clamp with VESA mount
- Resistive Touch USB controller / Front IP65
- JNC8H-H310 / i3-8100T(6M Cache, up to 3.10GHz, 8th Generation Intel Core i3 Processor) / RAM 8GB / SSD 256GB
- 12-24VDC with Terminal Block, 12VDC / 160W power adapter for testing
- Win 11 Pro 64bit

LCD SPECIFICATIONS:

| | | |
|---------|--------------------------|--|
| Display | Viewing Size Image | 17.3" |
| | Active Display Area (mm) | 216.50 (H) x 383.50(V) |
| | Resolution | 1920x1080 |
| | Contrast Ratio | 700 : 1 |
| | Color | 16.7 M |
| | Brightness | 250 nits |
| Power | Source | 12-24VDC with Terminal Block, 12VDC / 160W power adapter for testing |
| | Management | VESA DPMS Compliant |

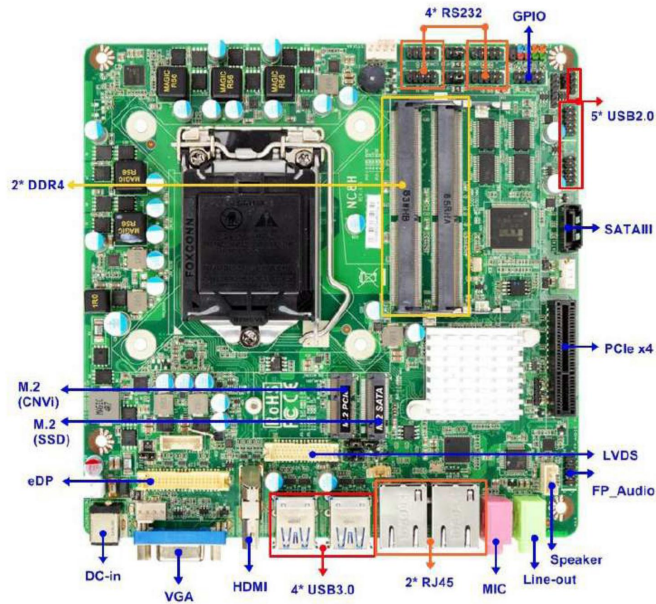
**Specifications subject to change without notice, not responsible for typographical errors.*

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

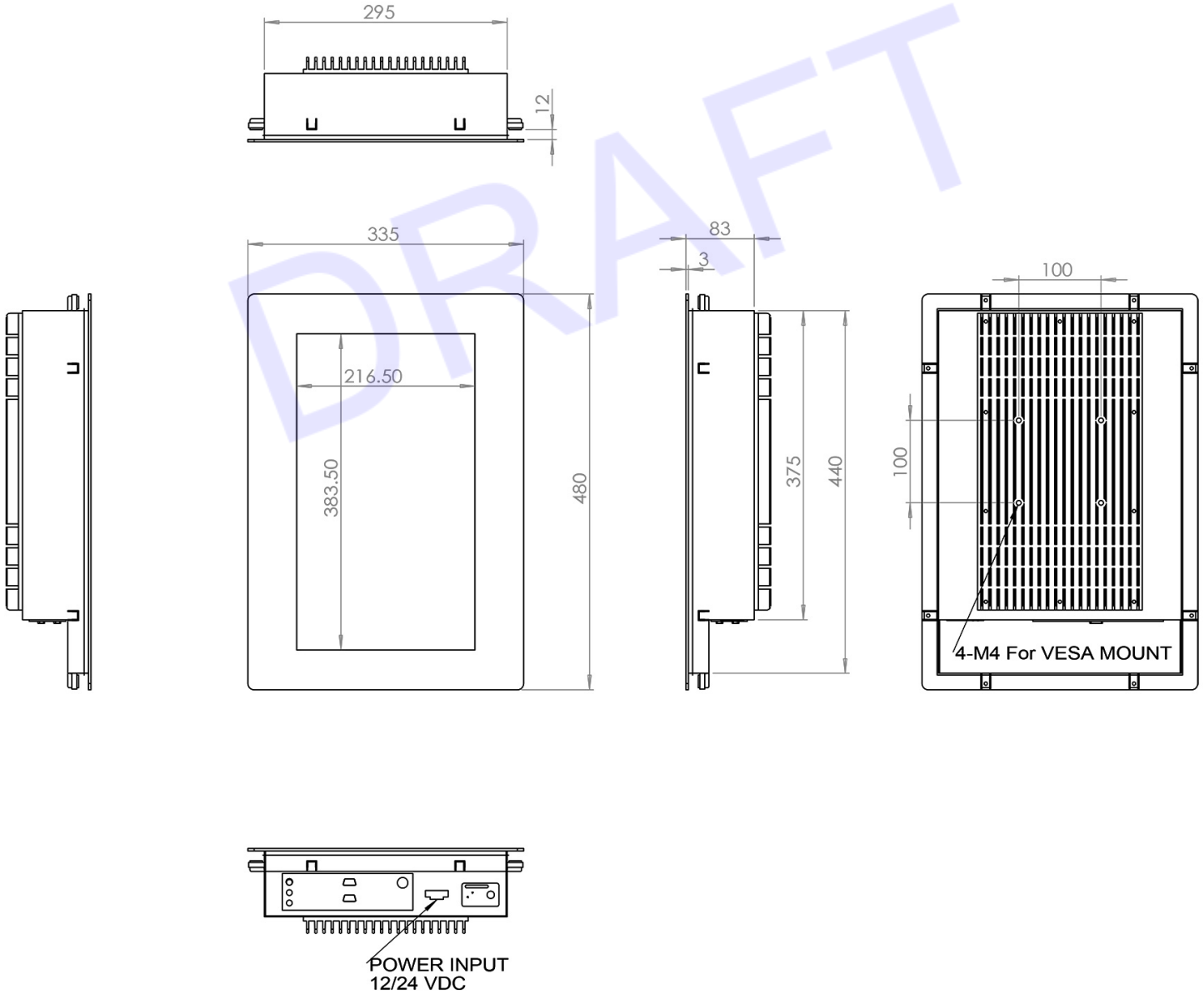


| | |
|-------------------------|---|
| Form Factor | |
| Dimensions | - Thin Mini ITX (170 * 170mm) |
| Processor System | |
| CPU | - Intel® LGA1151 Series Processor (Max. 65W) |
| Core Number | - by CPU |
| Max Speed | - by CPU |
| L2 Cache | - by CPU |
| Chipset | -H310 |
| BIOS | -AMI 128M Flash 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* SATAN 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.: CPMW1730-i3-DC-AE1-07242023-V1