

All in One PANEL PC

Widescreen Display

IP65 Front All in one PC Widescreen Display Chassis Mount
24" LCD monitor Chassis Design / VESA Mount, P-CAP
Touch, JNC8H-H310 / i7-8700T (12M Cache, up to 4.00GHz
8th Generation Intel Core i7 Processor) / RAM 8GB
HDD 1TB, Win 11 Pro 64bit

Model: EPCW2400HDi7-PCAP-V2



FEATURES:

- 24" Industrial Panel / 1920x1080 / 250nits
- Chassis design / VESA mount
- P-CAP Touch / Front IP65
- Fanless Design
- JNC8H-H310 / i7-8700T (12M Cache, up to 4.00GHz, 8th Generation Intel Core i7 Processor) / RAM 8GB / HDD 1TB
- Win 11 Pro 64bit
- PCAP touch screen AC input, Metal housing Internal power supply with universal / Auto-Sensing, AC90 to 260V, 50/60 Hz

LCD SPECS:

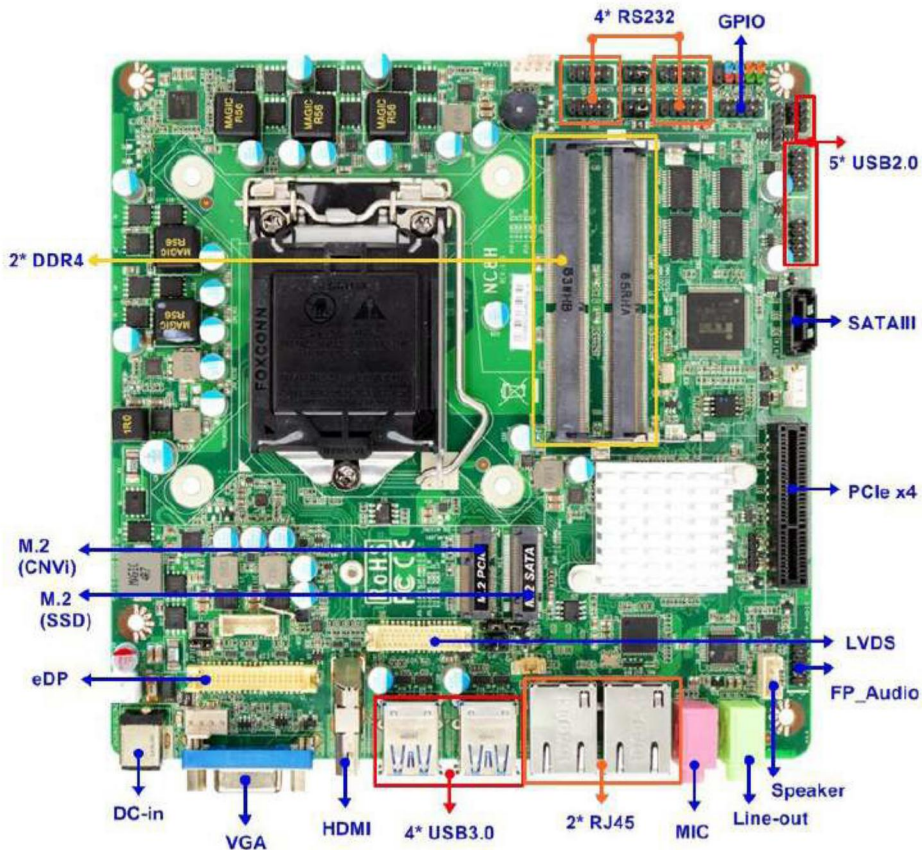
| | | |
|----------------------------|--|--|
| Panel | Cell Type / Glass Surface | TFT LCD / Black Anti-Glare, low reflection coating |
| | Aspect Ratio / Size | Wide / 24" viewable diagonal area |
| | Active Area / Pixel Pitch | 531.36(H) x298.89(V) mm / 0.2768(H) x 0.2768(V) mm |
| | Native Resolution / Colors | 1920(H) x 1080(V) / 16.7 Million |
| | Brightness / Contrast | 250 cd/m2 (typ) / 1000 :1 |
| | Response Time | ^ 2 ms (G-to-G) |
| | Viewing Angle (typical) | H. 170° (- 85° ~ + 85°) , V. 160°(- 80° ~ + 80°) |
| | Light Source | CCFL , Long life, 50,000 hrs (typ) |
| Convenient Features | OSD Multi-Languages , Wall Mount Ready (VESA 100 x 100 mm) | |
| Power | Internal power supply with universal / Auto-Sensing, AC 90 to 260V, 50 / 60 Hz | |
| Operating Condition | Temperature / Humidity | 0°C ~ 50°C (32°F ~ 122°F), 10% ~ 90% (no condensation) |
| Storage Condition | Temperature / Humidity | - 20°C ~ 60°C (- 4°F ~ 140°F), 10% ~ 90% (no condensation) |
| Certification | FCC,CE | |
| Weight | N.W. / G.W. | 9.0 Kgs/10.0 Kgs |
| Container Loaded | 20ft / 40ft / 40ft HQ | TBD (Sets , By pallet) |

PC SPECS



- 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)

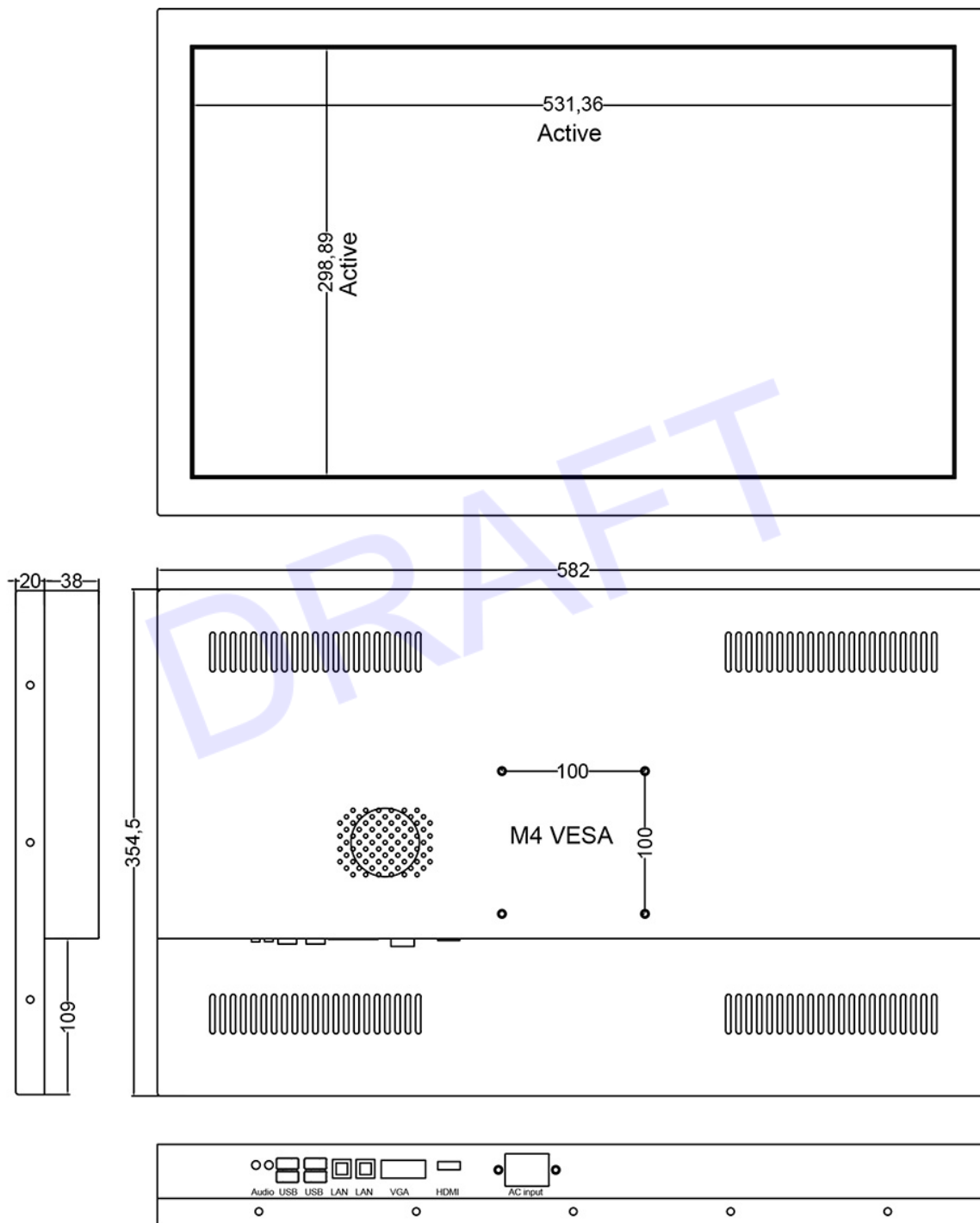
INTERNAL DIAGRAM



| | |
|---------------------------|--|
| 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*S O-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® I219-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* SATAN 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.: EPCW2400HDI7-PCAP-V-08052023-V1