

MODEL: EMCW1730-i5-TRC

FEATURES:

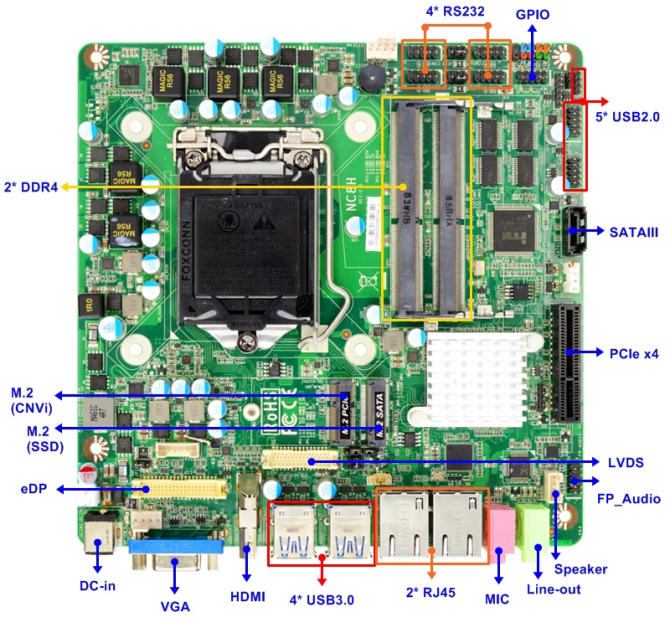
- **17.3" industrial panel / 1920 x 1080 / 350nits**
- **Panel Mount (with 3mm front bezel) / clamp with VESA mount**
- **Resistive Touch / Front IP65**
- **Fanless design**
- **All black powder coating**
- **JNC8H-H310 / i5-8500T (9M Cache, up to 3.50GHz, 8th Generation Intel® Core™ i5 Processor) / RAM 4GB / SSD 256GB**
- **100-240VAC Power Input Built in Power Supplier with US Power Cord**
- **Win 11 Pro 64bit installation**

LCD SPECIFICATIONS:

Display	Viewing Size Image	17.3"
	Active Display Area (mm)	383(H) x 216(V) mm
	Pixel Pitch (mm)	0.264(H) x 0.264(V) mm
	Resolution	1920x1080
	Contrast Ratio	1000:1 (typ.)
	Color	16.7M(6-bit+Hi-FRC)
	Brightness	350nits
	Viewing Angle	-80-80 (H) ; -60-80 (V)
	Recommended Resolution	1920x1080 @60Hz
Power	Source	100-240VAC Power Input Built in Power Supplier with US Power Cord
	Management	VESA DPMS Compliant

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

JNC8H-H310 - MOTHERBOARD



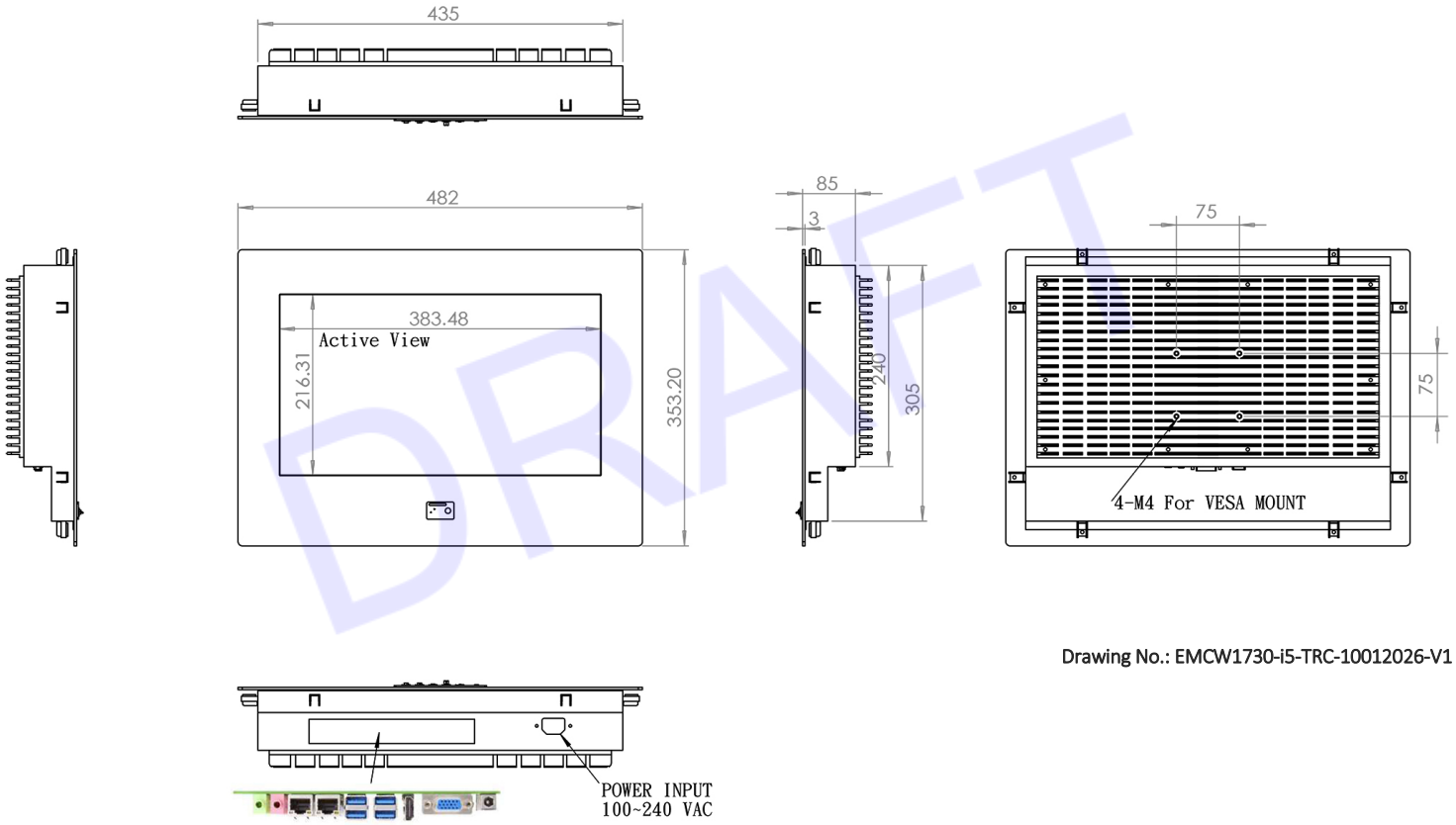
- Intel LGA1151 Socket Core i3, i5, i7 Pentium Processor (Max. 65W)
- Intel Coffee Lake-S H310 Chip
- Support Single Channel DDR4 2133MHz, up to 64GB
- 1* Intel I219-V + 1* Intel i211AT GbE
- 1* SATAIII (6Gb/s), 1* M.2 (M key 2242), 1* M.2 E key Support CNVi, 1* PCIe x4 Slot
- HDMI/VGA /EDP (CO-lay LVDS) Output
- 4* RS232 (COM1/2 Support 5V/12V TTL), 4* External USB3.0, 5* Internal USB2.0
- Support Wide Voltage 12~24V DC-in
- Thin MINI ITX Form Factor (170 *170 mm)

Model	JNC8H-H310
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 1* M Key 2242
SATA	1
PCIe	1 (PCIe 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: 1920×1200@60Hz)
LVDS	1 (Co-lay eDP, Max. Resolution: 1920×1080@60Hz)
eDP 1.3	1 (Co-lay LVDS, Max. Resolution: 4096×2304@60Hz)
HDMI 1.4	1 (Max. Resolution : 4096×2160@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* SATAIII (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* SATAIII (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 (10sec ~ 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

MECHANICAL DRAWING:

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



Drawing No.: EMCW1730-i5-TRC-10012026-V1

DRAFT