

FRONT IP65 PANEL MOUNT PC (3mm Front Bezel)



10.4" Industrial Panel / 1024 x 768 / 500 nits Panel mount (with 3mm front bezel) / clamp mount and VESA mount, Resistive Touch / Front IP65 JNC8H-H310 / i5-8500T / RAM 8GB / SSD 128GB, Power input : 9-36VDC with Terminal Block, 24VDC / 160W power adapter for test, Win 11 Pro 64 bit

MODEL: VPC1040CD-i5-C2



FEATURES:

- 10.4" Industrial Panel / 1024x768 / 500nits
- Panel Mount (with 3mm front bezel) / Clamp with VESA Mount
- Front Bezel: 263mm x 200mm / Cut out: 243mmx 180mm
- Resistive Touch / Front IP65
- All Black Powder Coating
- JNC8H-H310 / i5-8500T (9M Cache, up to 3.50GHz, 8th Generation Intel Core i5 Processors) / RAM 8GB / SSD 128GB
- 9-36VDC with Terminal Block and 24VDC / 160W power adapter for Testing
- Win 11 Pro 64bit

SPECIFICATIONS:

Panel	Cell Type / Glass Surface	TFT LCD / Black Anti-Glare, low reflection coating
	Aspect Ratio / Size	4 : 3 / 10.4" viewable diagonal area
	Active Area / Pixel Pitch	213.50(H) x 160(V) mm / 0.2055(H) x 0.2055(V) mm
	Native Resolution / Colors	1024(H) x 768(V) / 16.2 M
	Brightness / Contrast	500 cd/m ² (typ) / 600 : 1
	Response Time	< 25 ms
	Viewing Angle (typical)	H. 160° (- 80° ~ + 80°) , V. 140° (- 70° ~ + 70°)
	Light Source	LED backlight, Long life, 35,000 hrs (typ)
Power	Power Input	9-36VDC with Terminal Block w/ 24VDC / 160W Power Adapter for Test
	Power Consumption	29.5 Watt, <1 Watt
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

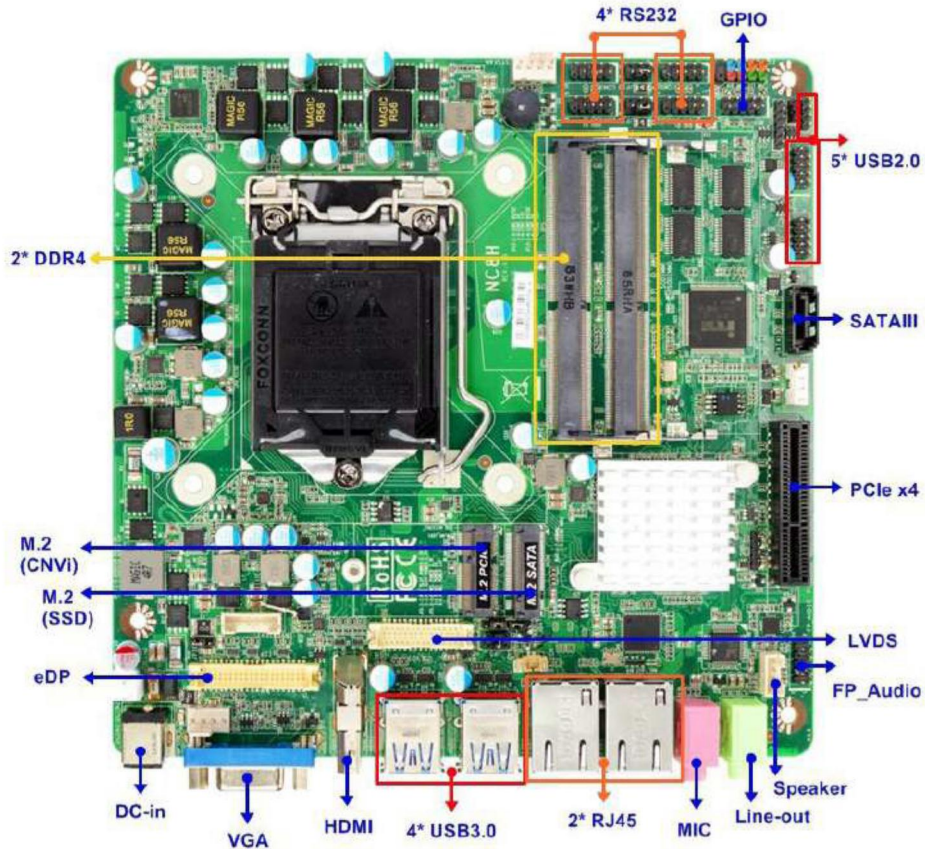
**Specifications subject to change without notice, not responsible for typographical errors.*

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)

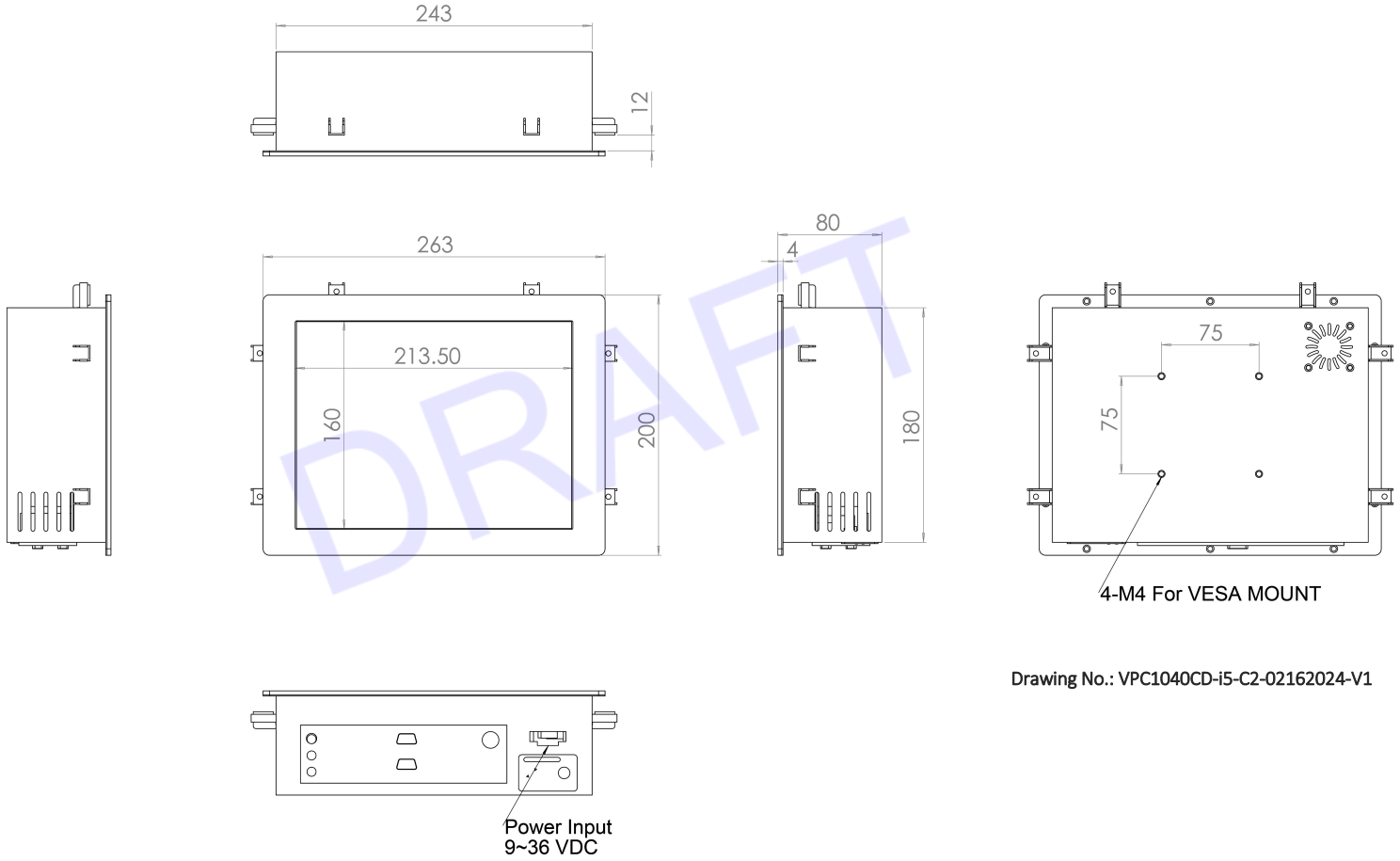
INTERNAL DIAGRAM



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*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® 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* 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.: VPC1040CD-i5-C2-02162024-V1