

IP65 PANEL PC



17" Industrial Panel Mount (with 3mm front bezel) 1280x1024, 250nits, clamp, VESA mount, Resistive Touch, Front IP65, Fan design, JNC8H (H310) / i7-8700 (12M Cache, up to 4.60GHz, 8th Generation Intel Core i7 Processors) / RAM 8GB / SSD 256GB, I/O : 24VDC with 100-240VAC power adapter, Win 10 64 bit Pro

MODEL: CPM1700-i7-TR-V1



FEATURES:

- Modularize mechanical design provides flexible product configuration and easy maintenance
- Panel mount (with 3mm front bezel) / Clamp / VESA mount
- Resistive Touch / Front IP65
- Fan design
- Win 10 64 bit Pro

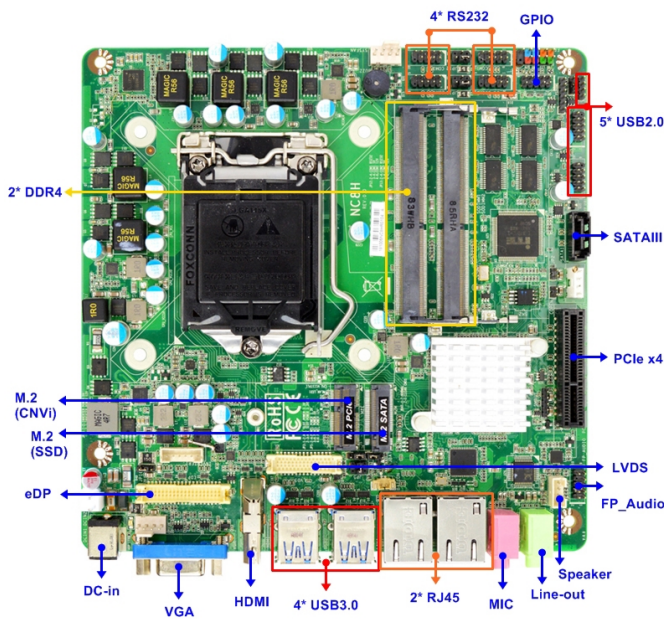
SPECIFICATIONS:

Panel	Cell Type / Glass Surface	TFT LCD / Black Anti-Glare, low reflection coating
	Aspect Ratio / Size	4:3 / 17" viewable diagonal area
	Active Area / Pixel Pitch	340(H) x 272.50(V) mm / 0.264(H) x 0.264(V) mm
	Native Resolution / Colors	1280(H) x 1024(V) / 16.7 M
	Brightness / Contrast	250 cd/m ² (typ) / 1000 : 1
	Response Time	< 5 ms
	Viewing Angle (typical)	H. 170° (- 85° ~ + 85°) , V. 160° (- 80° ~ + 80°)
	Light Source	LED backlight, Long life, 35,000 hrs (typ)
Power	Power Input	24VDC with 100-240VAC Power Adapter
	Power Consumption	42.5 Watt, <1 Watt
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.*

MB Specifications



FEATURES:

- 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)

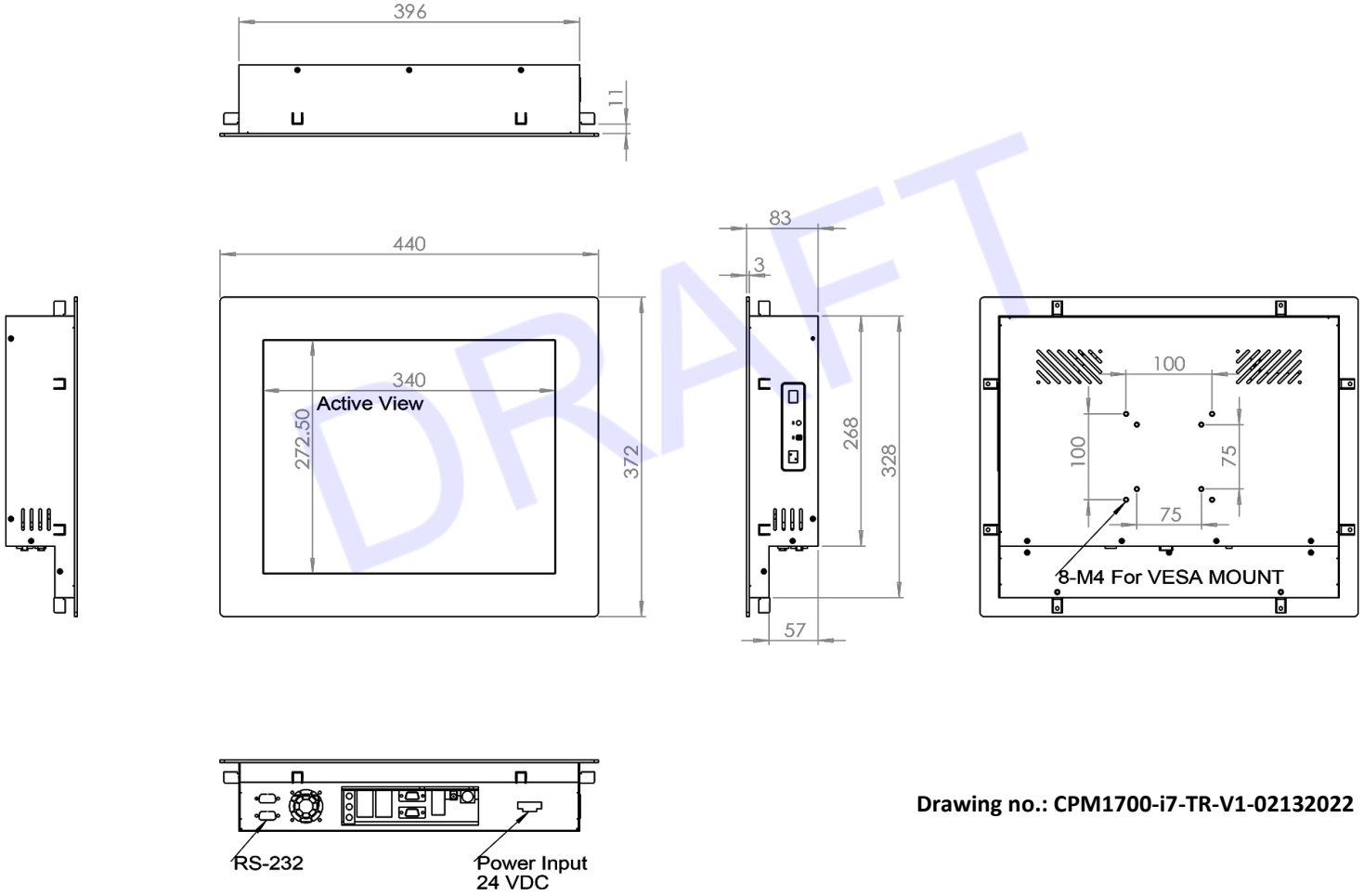
SPECIFICATIONS:

Model	JNC8H-IH310
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.: CPM1700-i7-TR-V1-02132022