

RUGGED COMPLETELY SEALED FULL IP66/NEMA4X STAINLESS STEEL CHASSIS/SURFACE MOUNT

24" Industrial Panel 1920X1080 1000nits WT: -20C ~ 70C with 24V DC+ Embedded PC JNF6321 (i5-6300U on board)/ RAM 8GB/ SSD 128GB/ Graphic card support H.265 / WT: 0C~60C, I/O (all connectors are Metal waterproof connector / 6ft long) : LAN x 1, USB x 1 and 24VDC input

WiFi Flat Antenna, Optical bonded with P-CAP Touch (Clean, no Coating)
Excluded OS installation, ** One year Return to Depot Warranty**

Model: CCHW2400HDWT-SIP-i5-PCT

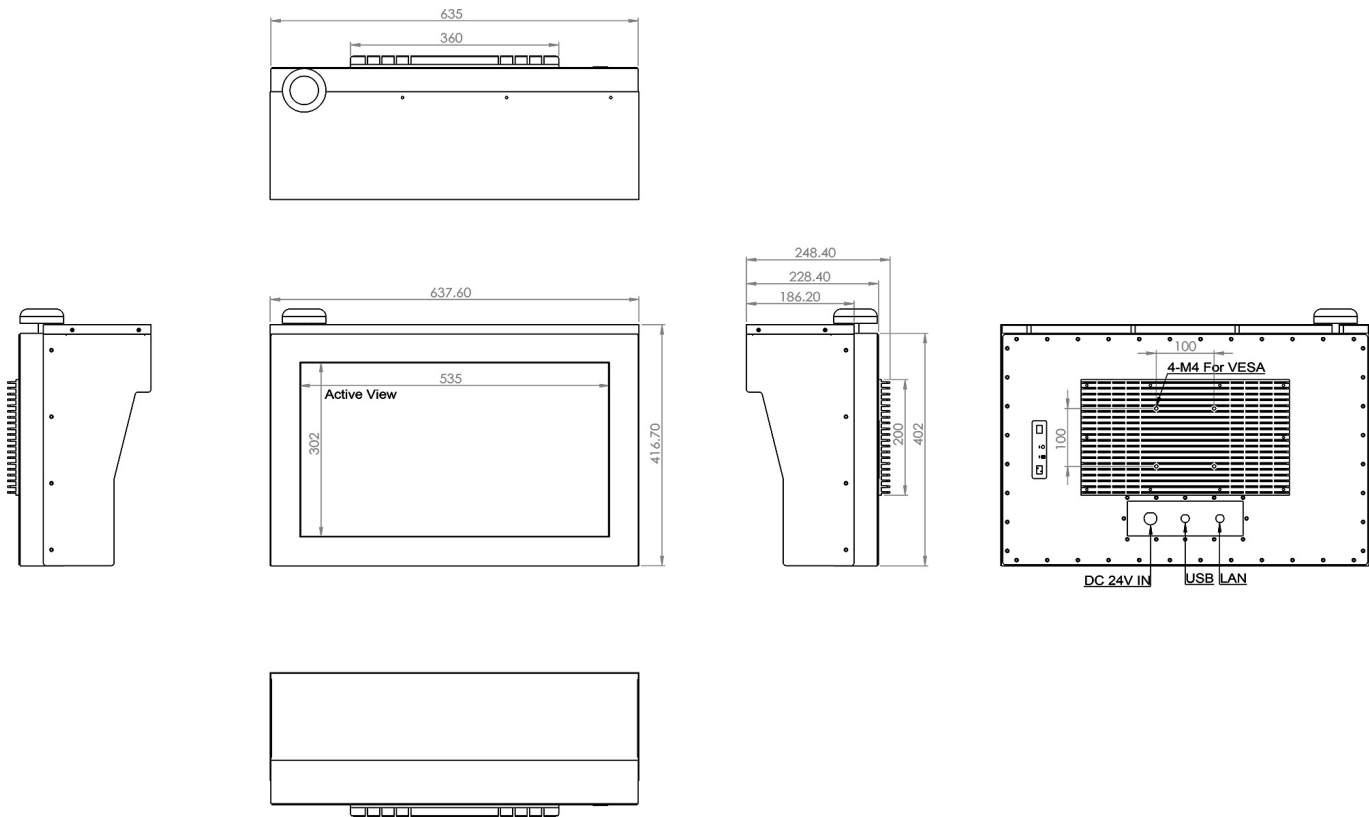
FEATURES:

- High Contrast color LCD Monitor with resolution up to FULL HD (1920x1080)
- Completely Sealed FULL IP66/NEMA4X
- High Shock & Vibration Resistance
- Widely Application: Automation, Medical, Tourist, Transportation

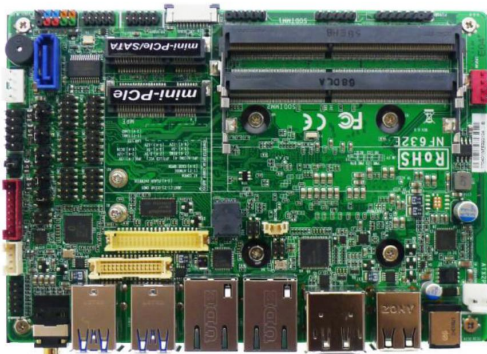
SPECIFICATIONS:

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	535(H) x 302(V) mm / 0.2768(H) x 0.2768(V) mm	
	Native Resolution / Colors	1920(H) x 1080(V) / 16.7M	
	Brightness / Contrast	1000 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)	
Input Sources	PC System	Signal	Analog RGB (0.7/1.0 V _{p-p} , 75 ohms)
		Sync	Separate Sync, Composite Sync, Sync On Green
		Frequency	F _h : 30 - 82Khz , F _v : 50 - 75Hz
	Audio System	2W speaker x 2	
Input Terminals	1 x VGA, 1 x HDMI, 1 x DVI, 1 x PC Audio (Stereo Headphone Jack) , 1 x DC Power Plug		
Convenient Features	Auto Calibration , Back Light Adjustment , Plug&Play (VESA DDC/CI, DDC 2B)		
	OSD Multi-Languages , Wall Mount Ready (VESA Dimension - please refer to Drawing)		
Power	24V DC Input		
Power Consumption	Operation / Power Saving	61.25 watt , < 1 watt (Support DPMS)	
Operating Condition	Temperature / Humidity	-20°C ~ 70°C (-4°F ~ 158°F) , 10% ~ 90% (no condensation)	
Storage Condition	Temperature / Humidity	- 20°C ~ 60°C (- 4°F ~ 140°F) , 10% ~ 90% (no condensation)	
Certification	FCC , CE		
Dimensions	Physical	Please refer to Drawing	
	Carton	W x H x D = TBD	
Weight	N.W. / G.W.	12 Kgs / 13.5 Kgs	
Container Loaded	20ft / 40ft / 40ft HQ	TBD (Sets , By pallet)	

MECHANICAL DRAWING:



MB SPECS



- Intel® Skylake U (TDP 15W)
- Support 2 * DDR4 SO-DIMM slot, up to 32GB
- Support DisplayPort, HDMI and eDP/LVDS (triple display)
- Intel Gigabit LAN, 2 * RJ45 ports
- Realtek ALC662 Audio CODEC
- 1 * Serial ATAIII (6Gb/s) and 1 * mSATA (shared with mPCIe)
- 5 * Internal RS232 & 1 * Internal RS232/422/485)
- 4 * External USB3.0, 2* External USB1.1/2.0 & 5 * Internal USB1.1/2.0
- 1 * full size mPCIe (shared with mSATA), 1 * half size



Form Factor	
Dimensions	- 3.5" SBC (148 * 102mm)
Processor System	
CPU	- Intel® Skylake/ (TDP 15W, default CPU: i5-6300U)
Core Number	- i5-6300U : 2
Max Speed	- i5-6300U : 3.0GHz
L2 Cache	- i5-6300U : 3MB
Chipset	- SoC
BIOS	- AMI 128Mb SMT Flash ROM
Expansion Slot	
PCI	- 0
Mini-PCIe	- 1 (full size, shared with mSATA) & 1 (half size)
mSATA	- 1 (full size, shared with mPCIe)
PCIe	- 0
M.2	- 0
CFast Card Socket	- 0
CF Card Socket	- 0
SIM Card Holder	- 0
Memory	
Technology	- Dual CH DDR4 2133MHz SDRAM
Max.	- 32GB
Socket	- 2 * SO-DIMM
Graphics	
Controller	- Intel® HD Graphics
VRAM	- Shared Memory
VGA	- 0
LVDS	- 1 (max. 1920 x 1080@60Hz resolution) (Selectable with eDP, not working while using LVDS)
eDP 1.3	- 1 (max. 4096 x 2304@60Hz resolution) (Selectable with LVDS, not working while using eDP)
HDMI 1.4	- 1 (max. 4096 x 2160@24Hz resolution)
DVI-D	- 0
DisplayPort 1.2	- 1 (max. 4096 x 2304@60Hz resolution)
MultiDisplay	- Yes (Triple Displays)
Ethernet	
Ethernet	- 10/100/1000 Mbps
Controller	- 2 * Intel® Gigabit LAN
Connector	- 2 * RJ 45
Audio	
CODEC	- HD Audio : Realtek ALC662VD
Channel	- 2 Channel
SATA	
Max Data Transfer Rate	- 1 * SATAIII (6.0Gb/s)
Rear I/O	
VGA	- 0
DVI-D	- 0
HDMI	- 1
DisplayPort	- 1
Ethernet	- 2
USB	- 4 * USB 3.0 & 2 * USB 1.1/2.0
Audio	- 1 (Line-out)
Serial	- 0
eSATA	- 0
PS/2	- 0
DC-input	- 1
Internal Connector	
USB	- 5 * USB 2.0
PS/2	- 1
LVDS / inverter	- 1 (Selectable with eDP, not working while using LVDS)
eDP	- 1 (Selectable with LVDS, not working while using eDP)
VGA	- 0
Serial	- 6 (5 * RS232 , COM1 support RS232/422/485)
SATA	- 1 * SATAIII (6.0Gb/s)
mPCIe	- 1 (full size, shared with mSATA), 1 (half size)
Parallel	- 0
mSATA	- 1 (shared with mPCIe)
M.2	- 0
GPIO	- 1 (8 bit)
Chassis intrusion	- 1

Audio Header	- 1
SMBUS/ I2C	- 1
AT mode	- 1
TPM	- 1 (on board option)
Others	- 0
Watchdog Timer	
Output	- From Super I/O to drag RESETCON#
Interval	- 256 segments, 10sec...255min
Power Requirements	
Input PWR	- +9~24V 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:

