FRONT IP65 CHASSIS DESIGN TOUCH PANEL PC

24" Front IP65 LCD Monitor, 1920x1080, 250nits
with Intel Celeron 2.6GHz, 4GB RAM, SSD 256GB
Win 10 IoT 2019 LTSC

Model: CCPCW2400-JB-P

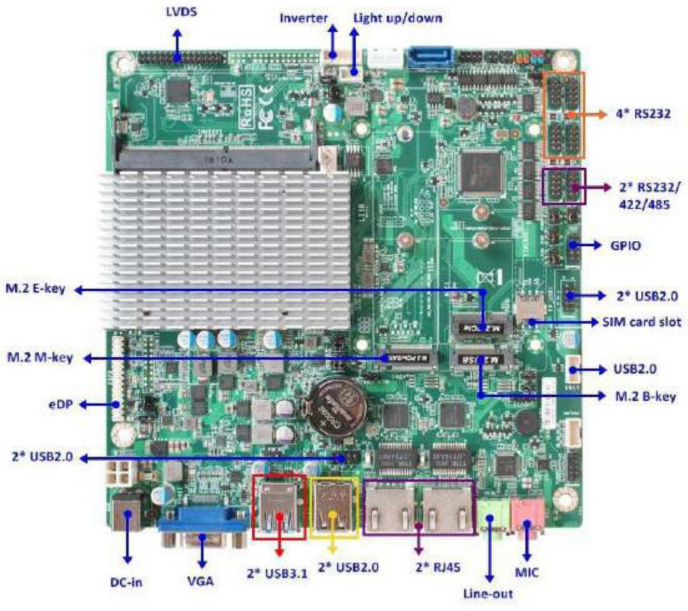
FEATURES:

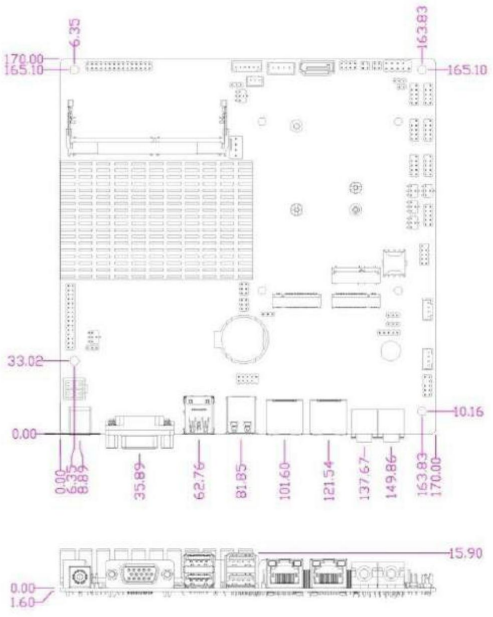
- **24" Industrial Panel / 1920x1080 / 250nits**
- **Chassis Design / Wall mount**
- **P-CAP Touch / Front IP65**
- **Fanless Design**
- **All Black Powder Coating**
- **Speakers / WiFi card with Antenna x2**
- **JLI1BV-0L / J6412 (1.5M Cache, up to 2.6GHz, Intel Celeron Processor) / RAM 4GB / SSD 256GB**
- **100-240VAC Power Cord**
- **Win 10 IoT 2019 LTSC installation and label**

DISPLAY SPECIFICATIONS:

Display	Viewing Size Image	24"
	Active Display Area (mm)	531.60 (H) x 300.60 (V)
	Pixel Pitch (mm)	0.264 x 0.264
	Resolution	1920 x 1080
	Contrast Ratio	3000: 1 (typ.)
	Color	16.7M colors
	Brightness	250 cd/m2
	Viewing Angle	-89~89 (H) ; -89~89 (V)
	Recommended Resolution	1920 x 1080 @ 60Hz
Power	Source	100-240VAC Power Cord
	Consumption	21W typical, normal operation
	Management	VESA DPMS Compliant
Optional	Touch	Resistive, PCAP,IR
	High Brightness	1000,1500
	Auto Dimming	YES
	POWER in	DC24V, DV9V~36V
	Remote Control	YES

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





Modified Date: 10-18-2024

JLI1BV-0L - Motherboard

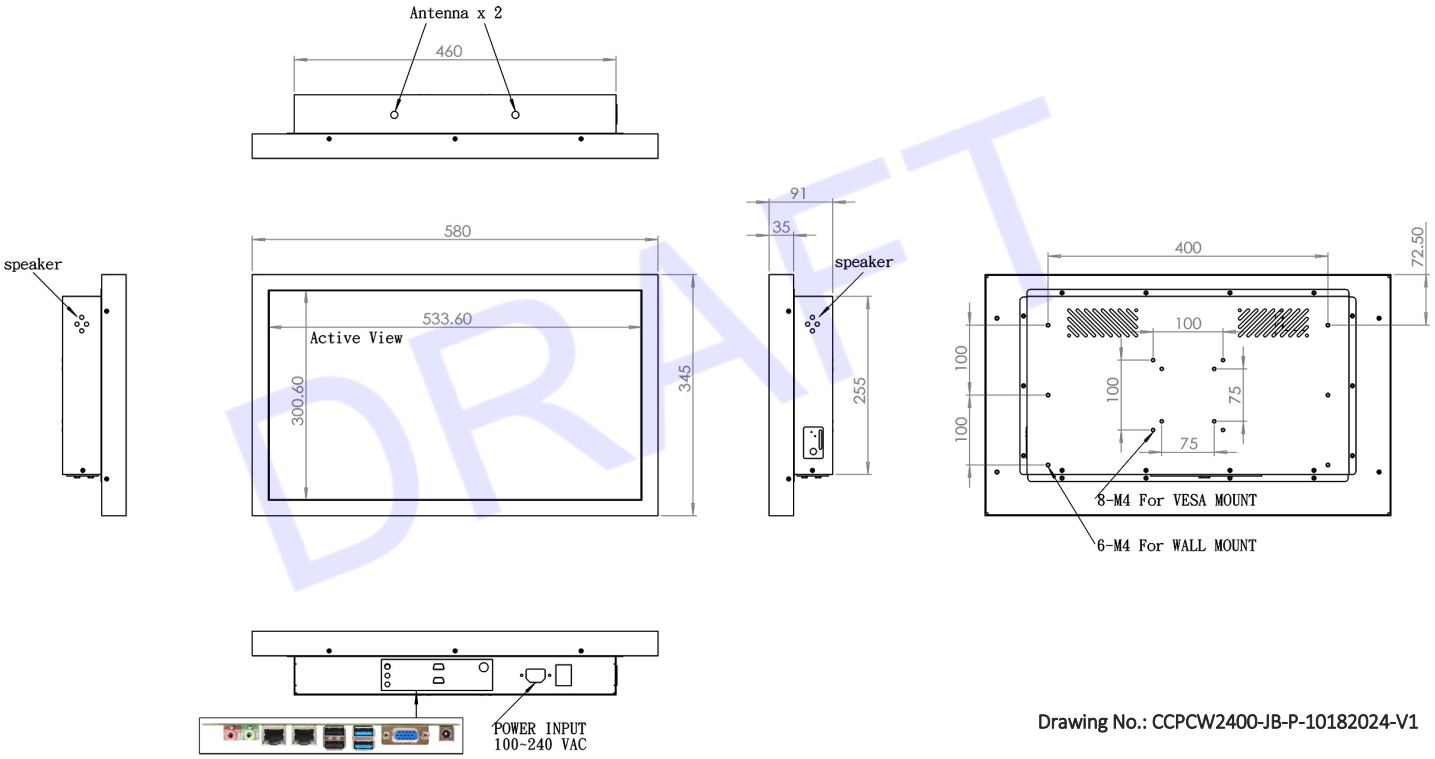
- **Intel Elkhart Lake J6412 2.0GHz/QC Core MCP Processor (Turbo 2.6GHz)**
- **1* DDR4 3200MHz up to 32GB**
- **Realtek HD Audio**
- **2* Intel® 1225V 2.5GbE**
- **1* SATAIII, 1* M.2 (M-key)**
- **1* VGA, 1* eDP, 1* LVDS**
- **2* RS232/422/485, 4* RS232, 2* USB3.1 (Gen. 1), 7* USB2.0**
- **1* M.2 E key Support WIFI/BT Module , 1* M.2 B key Support 4G/5G Module**
- **12V DC-in**
- **Thin MINI ITX Form Factor (170 *170 mm)**

SPECIFICATIONS:

FORM FACTOR	
ITX (170 * 170mm)	
PROCESSOR SYSTEM	**MEMORY**
Intel® Elkhart lake J6412 Quad Core MCP SoC Processor JLI1BV-0L (Quad Core 2.0GHz/10W, Turbo 2.6GHz) AMI 128M Flash ROM	1* DDR4 3200MHz SO-DIMM up to 32GB
STORAGE	**EXPANSION**
1* SATAIII (6.0 Gb/s) 1* M.2 M-key (2242/2280, SATA or NVMe- PCIe x2)	1* M.2 E-key (2230, support WIFI/BT Module) 1* M.2 B-key (3042/3052, support 4G/5G Module) 1* Nano SIM card slot
ETHERNET	**GRAPHICS**
2* Intel® i225V 2.5GbE	Intel® HD Graphics, shared memory 1* VGA (Max Resolution: 1920x1080@60Hz, Co-lay HDMI) 1* LVDS (Max Resolution: 2560x1600@60Hz, Co-lay eDP) 1* eDP (Max Resolution: 4096x2304@60Hz, Co-lay HDMI) Support Triple Displays
AUDIO	**WATCHDOG TIMER**
Realtek HD Audio 3W Speaker Amplifier	From Super I/O to drag RESETCON# 256 segments (10sec ~ 255min)
INTERNAL I/O	**EXTERNAL I/O**
5* USB2.0 2* RS232/422/485 4* RS232 1* SATAIII, 1* SATA Power 3* M.2 (M key + E key + B key) 1* GPIO (8 bit, 5V) 1* AT mode 1* I2C/SMBUS 1* FP_ Audio 1* Speaker 1* TPM2.0 (Option) 1* CPU FAN	1* VGA 2* RJ45 2* USB3.1 (Gen. 1) 2* USB2.0 Line-out MIC 12V DC-in
POWER	**COMPLIANCE**
12V DC-in, AT/ATX Supported - AT: Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready	CE, FCC, RoHS, REACH
TEMPERATURE	**OS SUPPORT**
Operating Temperature: 0 ~ 60° C Storage Temperature: -20 ~85° C Humidity: 10% ~ 90% RH @40°C (non-condensing)	Windows 10, Windows 11, Linux

MECHANICAL DRAWINGS:

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



Drawing No.: CCPCW2400-JB-P-10182024-V1

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