

IP65 FRONT PANEL PC (3mm FRONT BEZEL)



15" Front IP65 Panel Mount (with 3mm Front Bezel) 1024x768, 300nits, JIMB-1900-2L / J1900 (2M Cache, up to 2.42GHz Intel Celeron Quad-Core Processor) / RAM 4GB / SSD 256GB with Resistive Touch

MODEL: CPM1500-J-TR-V3



FEATURES:

- 15" Industrial Panel / 1024x768 / 300nits
- Panel Mount (with 3mm front bezel) / clamp with VESA mount
- Resistive Touch / Front IP65
- All Black Powder Coating
- JIMB-1900-2L / J1900 (2M Cache, up to 2.42GHz Intel Celeron Quad-Core Processor) / RAM 4GB / SSD 256GB
- 9-36VDC with Terminal Block and 12VDC / 80W power adapter for Testing
- Excluded OS installation
- Win 10 IoT 2019 LTSC installation and label

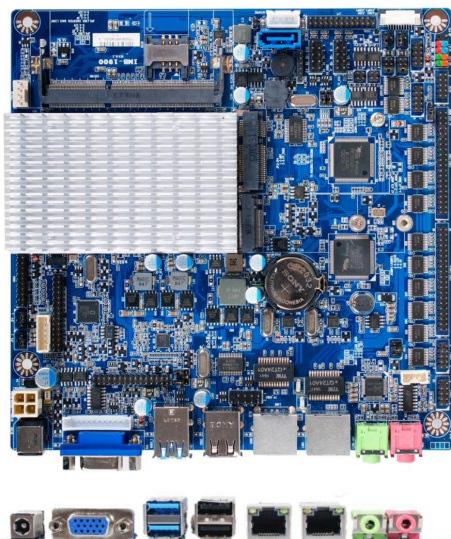
SPECIFICATIONS:

Panel	Cell Type / Glass Surface	TFT LCD / Black Anti-Glare, low reflection coating
	Aspect Ratio / Size	4 : 3 / 15" viewable diagonal area
	Active Area / Pixel Pitch	304.30(H) x 229.20(V) mm / 0.297(H) x 0.297(V) mm
	Native Resolution / Colors	1024(H) x 768(V) / 16.2 M
	Brightness / Contrast	300 cd/m ² (typ) / 700 : 1
	Response Time	< 35 ms
	Viewing Angle (typical)	H. 140° (- 70° ~ + 70°) , V. 120° (- 60° ~ + 60°)
	Light Source	LED backlight, Long life, 35,000 hrs (typ)
Power	Power Input	9-36VDC with Terminal Block and 12VDC / 80W Power Adapter for Testing
	Power Consumption	30 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.*

JIMB-1900-2L MOTHERBOARD SPECS:



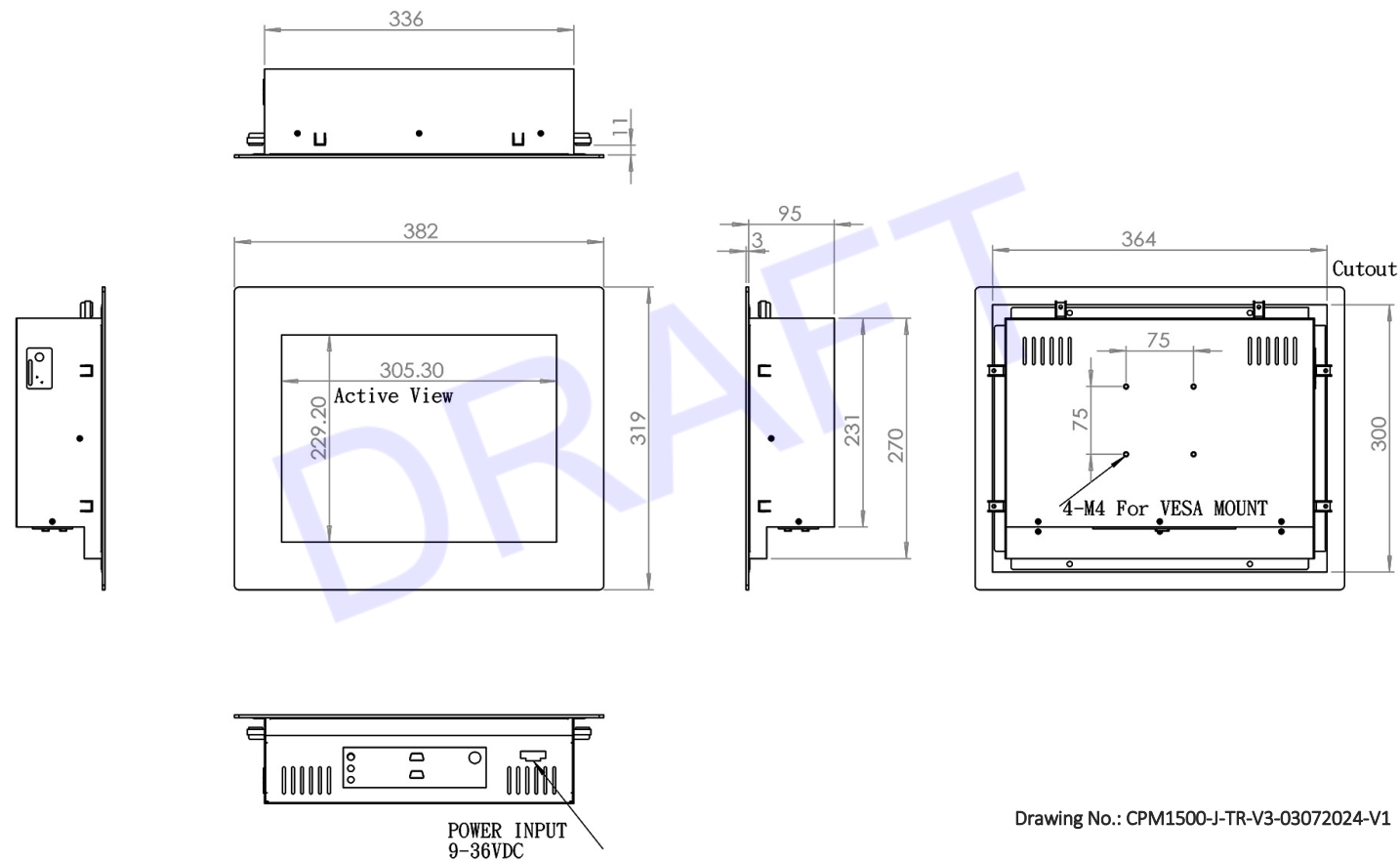
- Intel Celeron J1900 (2.0 GHz) quad-core processor
- Support DirectX 11 3D Graphics Acceleration
- Support DDR3L 1333
- Integrated HD Audio CODEC
- Support 2*PCI Express Gigabit LAN
- Support Power Onboard(12V)
- Onboard 1* MiniPCI-E connector
- Onboard 1* M.2 connector(2242/2260)
- 2 Phase CPU Power Support
- Support 1* USB3.0, 9* USB2.0
- Support 12* COM(COM1/2 Support RS232/422/485)
- Support Amplifier function(3W)
- Support Thunder Protection Function
- Thin mini ITX Form Factor(170mm X170mm)

CPU-Chipset	INTEL Celeron J1900 (2.0 GHz) Quad-Core Processor
I.O Chipset	2 Phase CPU Power Support FINTEK F81866AD-I
Memory	1*SO-DIMM slot Support DDR3L 1333 Max. capacity of system memory up to 8GB
Expansion Slots	1* Mini PCI-E connector
Storage	1* Serial ATA2 3Gb/s connector 1* M.2 Connector(2242/2260)
Audio	ALC662 Audio CODEC
Ethernet LAN	HD Audio CODEC REALTEK® RTL8111G Chip
LVDS	2* PCI Express Gigabit LAN Onboard 24-bit Dual channel(Co-Lay EDP)
USB	1* USB3.0 Port 9* USB 2.0 (3 distribute in back panel, 6 distribute in mid-board)
Special Features	Support CPU Smart Fan Support Watch dog Technology Support GPIO Technology Support VGA header Support HDIM header Support Power On board Support Amplifier function(3W) Support 2*RS422/RS485/RS232 COM ports COM 1/COM2 Support 5V/12V TTL Thunder Protection Function All Solid Capacitor design All Power Pack MOSFET design
Back Panel I / O	2* USB3.0 port 2* USB 2.0 ports 2* RJ-45 ports 1* Line-out connector 1* MIC 1* VGA port (Max. Resolution: 1920*1200@60Hz) 1* 12V DC in

Internal I / O	3* USB 2.0 headers for 6 USB 2.0 ports
	1 * CPU / Chassis Fan connectors
	12* COM headers(COM1/COM2 For RS422/RS485/RS232 and TTL)
	1* Parallel header
	1* PS2/KB header
	1* 4-pin ATX 12V Power connector
	1* 4-pin SATA Power connector
	1* 12-pin VGA header (Max. Resolution: 1920*1200@60Hz)
	1* 20-pin HDMI header (Max. Resolution: 1920*1200@60Hz)
	1* 24-bit Dual Channel LVDS header (Max. Resolution: 1920*1200@60Hz)
	1* GPIO header
	1* Mini PCI-e connector
	1* M.2 Connector(2242/2260)
	1* SATA Connector
	1* Speaker header(Amplifier function 3W)
1* Front panel header	
1* SIM Card socket	
BIOS	AMI 64MB SPI ROM
Temperature	Operating: 0°C ~ 70°C Storage: -20°C ~ 85°C
Form Factor	Thin mini ITX Form Factor(170mm X 170mm)
Accessory	SATA Cable SATA Power cord COM Cable I/O Shield
OS Support	Windows 7 (32/64-bit), Windows 8.1 (32/64-bit), Windows 10 (32/64 Bit) Windows Server 2012R2, Windows Server 2016, Windows Server 2019 Linux: Cent OS, Debian, Fedora, OpenSUSE, Ubuntu, pfSense, FreeNAS, RedHat

MECHANICAL DRAWINGS:

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



Drawing No.: CPM1500-J-TR-V3-03072024-V1