

## VMC-1200H



### Features

- Support Intel® 12th/13th/14th Generation Core™ i3/i5/i7/i9, Pentium®, Celeron® CPU
- Support H610 chipset
- Support 2xDDR5 SO-DIMM 4800/5200/5600Mhz, up to 64GB
- Support HDMI,VGA,DP++(optional)
- Support 2xLAN, 6xCOM, 9xUSB
- Support 1xM.2 2230, 1xM.2 2242/2280, 1x Mini-PCIe
- Support 19~24V wide voltage input, optional 9~36V wide voltage input
- Support Win10/Linux OS



### Introduction

Support Intel® 12th/13th/14th Generation Core™ i3/i5/i7/i9, Pentium®, Celeron® CPU, H610 chipset, 2xDDR5 SO-DIMM memory, three kind of displays, 2xLAN, 6xCOM, multiple extension interfaces, optional 9-36V wide voltage input. This product can be applied to multiple industries such as AGV, automation, and rail transit.

System	
Processor	Intel® 12th/13th/14th Generation Core™ i3/i5/i7/i9, Pentium® , Celeron® CPU
Chipset	H610
Memory	2xDDR5 SODIMM 4800/5200/5600Mhz MHz, up to 64GB
Graphics	CPU integrated graphics card
Storage	1xM-Key M.2 2242/2280 (SATA) slot, 2x2.5" SATA 3.0 HDD/SSD
Operating system	Windows 10, Linux
Watchdog timer	Programmable 255 levels timer interval, from 1~255 sec/min
I/O interface	
LAN	1xRJ45 Intel® PCI-E LAN for 10/100/1000 Mbps I219-V 1xRJ45 Intel® PCI-E LAN for 10/100/1000/2500 Mbps I225/I226-V
Display	1xHDMI: Maximum resolution 4096x2160 @60Hz 1xVGA: Maximum resolution 1920 x 1200 @60Hz 1xDP++(optional)
Audio	1xAudio(Line-out & Mic-in )
COM	2xRS232/422/485, 4xRS232 (expandable)
USB	4xUSB3.2 (Gen1) 4x USB2.0
Indicator light	1xHDD LED 2xCOM1 LED for Rx1 and Tx1 2xCOM2 LED for Rx1 and Tx1 1xSwitch button
Reset	1xReset button
Remote switch	1xRemote ON-OFF
Power	1xDC IN 4pin phoenix terminal, 19~24V, optional 9~36V wide voltage input

Internal interface	
Extension interfaces	1xE-Key M.2 2230 slot (PCIe x1/USB2.0), 1x Mini-PCIe slot(PCIe x1/USB2.0/SATA)
USB	1xUSB2.0(Type-A) , 1xUSB2.0 (1 pin header to 2port)
COM	4xRS232 pin header
SATA	2xSATA 3.0
TPM	TPM2.0 (optional)
Environment	
Operating temperature	-10°C ~ 60°C 0.7m/s wind flow (65W CPU with industrial SSD, paired with cpufan heatsink) -10°C ~ 60°C 0.7m/s wind flow (35W CPU paired with industrial SSD) 0°C ~ 30°C 0.7 m/s wind flow (mechanical HDD)
Storage temperature	-40°C ~ 85°C
Humidity	Operation hum: 5%~95%, non-coagulation Storage hum: 5%~95%, non-coagulation
Random vibration	SSD: 5~500Hz, 2Grms operation HDD: 5~500Hz, 1Grms operation
Sinusoidal vibration	5~500Hz, 2G Non-Operation
Mechanical shock	Operation: 10G@11ms Non-operation: 30G@11ms
Mechanism	
Dimension	230*192*77 mm
Certification	
Certification	CE/FCC

## Product size drawing

