

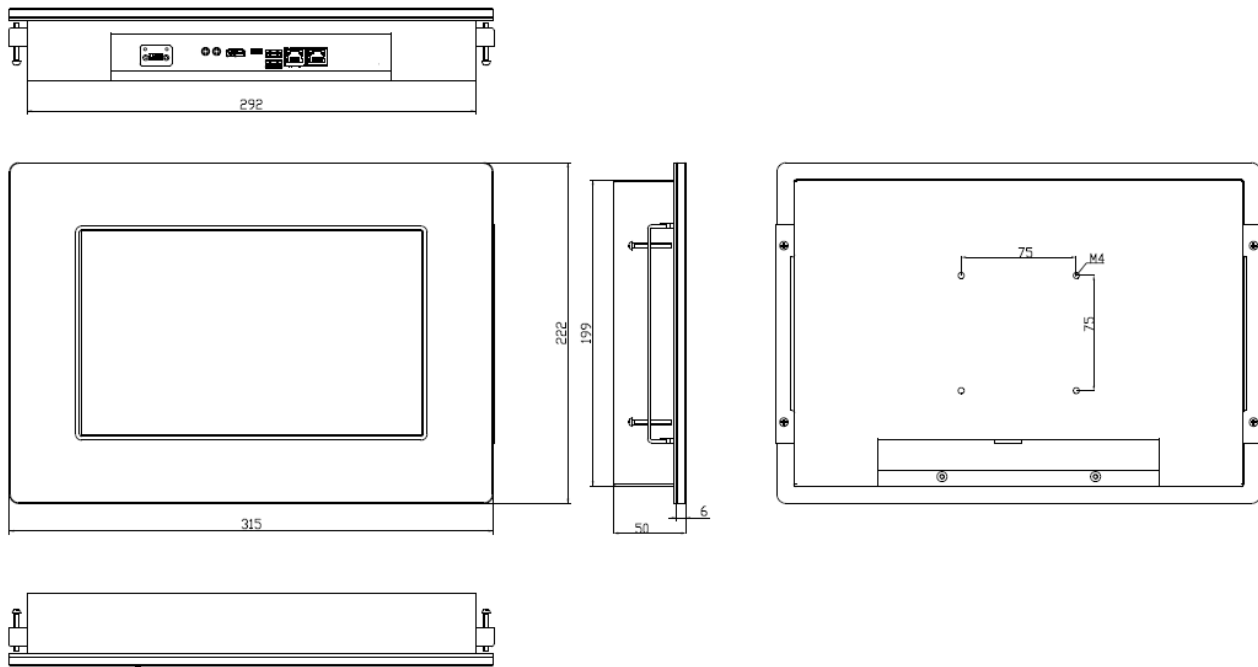
## Features

- Freescale, i.MX6x series application processor(800M/1GHz/1.2GHz)
- 10.2" 16:9, Wide Screen, LVDS LCD, 1024 x 600, Touch Screen
- Fanless, Rugged Design, Aluminum Alloy Enclosure
- 2xUSB Host, 1xUSB Client
- Micro SD Storage (Internal)
- 1x10/100-BaseT Ethernet, 1x10/100/1000MHz Ethernet
- 1xHDMI
- 1xRS232, 3xUART(Internal), 1xRS422/485(Internal)
- 1xmicphone, 1xaudio out
- Wide Power Range, 6-36V

## Specifications

CPU	Processor	Freescale, i.MX6x series (800M/1GHz/1.2GHz )
	Memory	On Board RAM: DDR3 1GB(up to 2GB), 528MHz On Board ROM: 4GB eMMC Flash External Storage: 1x Micro SD, USB 2.0 Storage
Display	Resolution	10.2" 16:9, Wide Screen, LVDS LCD
	Contrast	500:1
	Luminance	300 cd/ m2
	View Angle	50U/70D,70L/70R
	Touch Screen	4 Wires resistance type, Hardness, 4H
Interfaces	Ethernet	1x10/100-BaseT 1x10/100/1000-BaseT Ethernet
	USB	2xUSB2.0 Host
	COM Port	1xRS232(optional)
	Printer Port	Printer in USB Interface
	RTC	Supported
	HDMI	1xHDMI 1.4
	Audio	1xmicrophone, 1xaudio out
	Software	OS: WinCE, Andriod , or Linux Applications: Provide SDK, support MCGS tool
Power	Input	DC12V (6-36V)
	Consumption	12W
Mechanical	Dimensions	315x222 x50 mm
	Install Window	294x201 mm
	VESA Install	75x75mm, M4 Screw
	Weight	1.2Kg
	Enclosure	Aluminum Alloy with Black Color
Environment Condition	Temperature	Operating: -10°C ~ +60°C ( ETR:-30°C ~ +70°C Optional)
		Storage: -20°C ~ +70°C, (ETR:-40°C ~ +80°C Optional)
	Humidity	10-85%RH (Non-Condensation),
	Vibration	2G, 9-26Hz (10 times in X,Y,Z directions)
	Protection	Front Panel: IP54 ( IP65 Optional)
	Cooling Mode	Fanless

## Dimension

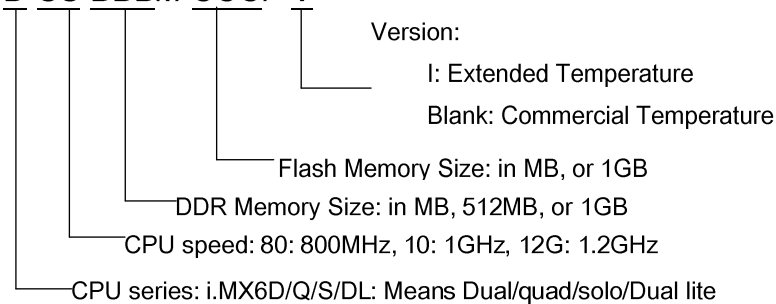


## Mounting Window Size: 294x201 mm

Accessories		
➤ Install Mechanical tools	2pcs	140040-0017EV,VANTRON
➤ Cushion for Enclosure's Front Panel Protection	1pc	VANTRON provide
➤ Screw, Mounting Enclosure	4pcs	250010-01001EV,VANTRON
➤ Power Terminal	1pc (3pins)	210060-0103BEV,ANYTEC:VM-3.81-3P
➤ CAN Bus Terminal (Optional)	1pc (3pins)	210060-0103BEV,ANYTEK:VM-3.81-3P

### Order Code

VT-HMI-810D-SS-BBBM-CCCF-V



## Order Information

VT-HMI-810D-10-1GBM-4GBF-I	10.2" TFT, 16:9 Wide Screen, Freescale, i.MX6D Dual core CPU,1GB DDR,4GB Flash, ETR, Ethernet, RS232, RS422/485, USBH2.0
VT-HMI-810Q-12-2GBM-8GBF	10.2" TFT, 16:9 Wide Screen, Freescale, i.MX6Q Quad core CPU,2GB DDR,8GB Flash, ETR, Ethernet, RS232, RS422/485, USBH2.0

### NOTES:

All specifications are subject to change without notice. Please contact Vantron for additional requirements.