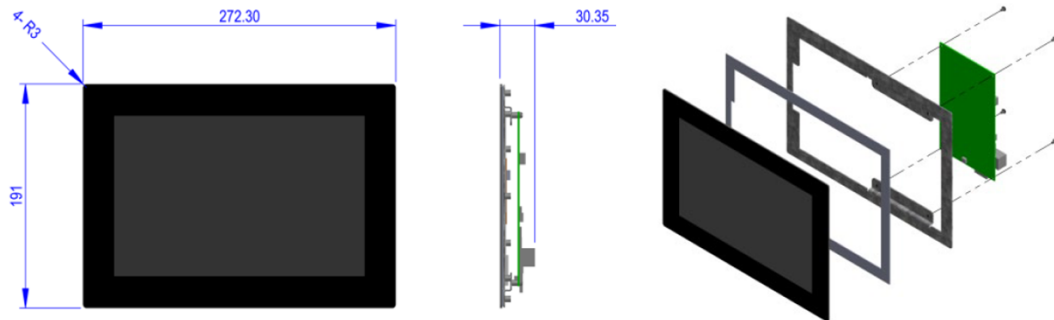


- Industrial Grade
- Bezel-less
- Mounting Bracket



(Unit:mm)

## SPECIFICATIONS

### DISPLAY

Display Size	10.1" TFT LCD
Pixel Number (H/V)	1280 x 800
Active Area (H/V)	216.96 x 135.6 mm
Pixel Pitch (H/V)	0.1695 x 0.1695 mm
LCD Interface	40Pins LVDS with LED driver
Brightness (cd/m <sup>2</sup> )	250(typ) / 210(nits) (with touch)
Contrast	720:1
Viewing Angle (H/V)	170/170
Display Color	16.7M colors
Backlight	LED Long Life > 20,000Hrs
Touch Sensor	Projected Capacitive
LCD / Touch lamination	Optical Bonding (Optional)

### TOUCH

Controller Interface	I <sup>2</sup> C
Controller System	Atmel mXT Series
Touch Input Type	Finger and Glove
Controller Type	COF
Multi-touch (points)	10
Cover Glass Thickness	1.8mm
Cover Glass Hardness	>7H
Cover Glass Type	Sodalime
Surface Treatment	Clear
Glass Strengthening	Chemical Strengthening
Optical Transmittance	>85%
Driver Support	Win7/8/10/Embedded, Android, Linux, Chrome

### MECHANICAL

Dimensions (WxHxD)	272.3 x 191 x 30.5 mm
Net Weight	1,000g

### SYSTEM

Processor	32Bit ARM Processor @ 400MHz
Memory	DDR2 64MB
Storage	NOR Flash 16MB (Optional NAND Flash 128MB)
Operating System	OpenRTOS

### I/O

USB	2 (For USB update and Wi-Fi dongle)
Serial Port	1 x RS232, 1 x RS485
GPIO	8 (Expandable to 32)
PWM	2
I <sup>2</sup> C	1
SPI	1

### CUSTOMIZATION OPTIONS

Cover Glass ID	Custom Dimensions and Artwork
Cover Glass Type	Sodalime, Corning Gorilla or other Non-Conductive Materials
Cover Glass Thickness	Up to 2.8mm
Glass Surface Treatment	Anti-Glare, Anti-Reflective
Touchscreen Flex Tail Dimensions	Custom Dimensions and Shapes
Touchscreen Controller Interface	I <sup>2</sup> C, USB or HID-I2C
Multi-touch (points)	Up to 16 points

### ENVIRONMENT

Operating	-10°C~60°C
Storage	-20°C~70°C
Impact Resistance	Meets UL60950 ball drop test (0.5Kg ball from 1.3m height)

### POWER & ACCESSORIES

Consumption	4.56W
Adapter	12V DC