

Product Specifications

LCD Module	
LCD Size	15.6 TFT LCD
Backlight	LED
Resolution	1920 x 1080
View Angle	± 89° (H), ±89° (V)
Interface	LVDS
Luminance	700 cd/m2 (after bonding)
Contrast Ratio	800:1
Response Time	25 ms
No. of Color	16.7M (True 8 Bit)
Active area	344.16(H) x 193.59(V) mm
Pixel Pitch	0.17925 (H) x 0.17925 (V) mm
LED Life Time	70,000Hrs
Overall Dimensions (L*W*D) (Touch Panel + EMI Mesh + TFT)	372.7 x 232.4 x 13.0 (+/-0.5 mm) (Approximately total thickness after Bonding)

Touch Screen	
Touch Type	Capacitive Touch
Viewable Area	344.7 x 194.00 mm
Active Area	346.8 x 196.00 mm
Touch Glass	AG/AR Strengthen Glass

Touch USB Converter	
Touch Type	Capacitive Touch
Touch Drives	Support Windows, Linux, Max, etc.
Touch Interface	USB
Size	72 mm X 28mm
Cable	USB, 1.8 Meter

Optical Bonding	
Optical Bonding	Yes
EMI Mesh	Yes, EMI Protective mesh with provision for 360° Electrical grounding and 90% Visibility to be provided

Reliability and Environmental specifications	
Operating Temperature	-30 C to +85°C (*)
Storage Temperature	-40°C to +90°C (*)
EMI/EMC	EMI Protective Mesh with 360 electrical connectivity design to meet MIL-STD461E/F(*)
Dust	Design to subject to JSS 55555, Test No.14 Duration 1 Hour(*)
Humidity	Ta>=40°C ,95% RH, non-condensing(*)
Altitude	0~9144 M (30000 feet)(*)

*: To work with mentioned certifications, this product has offered the potential to be designed in to grain such certification however it is still depending on the final design of the full unit to pass the test and validation of such certification.