

TOUCH PANEL SPECIFICATIONS	Projected Capacitive	Glass Substrate	12.1” Diagonal
Part Number	1P.NVDS-TP2065DA121C -01		
Outline Dimensions of TP sensor	268.00(H) x213.15(V) x 0.70(D)mm		
Overall Dimensions incl. cover lens	275.00(H) x 220.20(V) x 2.75(D)mm		
Active Area	249.00(H) x 187.50 (V)mm		
Input Method	Bare or gloved finger or thick conductive stylus		
Number of simultaneous touches	10		
Min. spacing between two touches	18mm		
Positional Accuracy	± 2.0 mm at 4 edges and ±1.0mm at center		
Resolution	4096*4096		
Response Time / Speed	<15ms		
Minimum Touch Area	30mm ²		
Minimum Touch Pressure	0 N		
Optical Transmittance	>87%		
ITO resistivity	100 Ω/□		
Operating temperature	-20°C to +70°C,35%~70% RH non-condensing		
Storage temperature	-30°C to +80°C,35%~70% RH non-condensing		
Life of touches	>10 million over lifetime		
Surface Hardness	7H		
Anti-glare surface	Yes		
FPC attachment method	ACF bonding		
FPC pull-off strength	>50 g/mm		
FPC bending radius	1mm		
Touch controller IC	ATMXT1664T3		
Interface to Host	USB		
I2C Address	N/A		
Operating Voltage	VDD=5.0V		

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