



HIGHNESSTM

One of a kind

TB121WX001

12.1" Tablet Display With
Multi Touchscreen



Rev.01
Release Date
14th Feb 2025

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS SOLELY OWNED BY 'HIGHNESS MICROELECTRONICS LTD.' ANY UNAUTHORISED COPY OR PRINTING OR PUBLISHING OF INFORMATION IN THIS DOCUMENT IN PART OR IN COMPLETE IS RESTRICTED.

HIGHNESS MICROELECTRONICS LTD.

URL: www.highnessmicro.com, Email: sales@highnessmicro.com

1. General Specifications

Item	Specification
Screen Size	12.1"
Display Area (H x V)	261.12 x 163.20 mm
Pixel Number	1280 x 800
Brightness	400 cd/m ²
Contrast Ratio	1200:1
Viewing Angle (H x V)	170°, 170°
Aspect Ratio	16:9
Touch Screen Type	Projected Capacitive Multi-Touch Touchscreen
Operating Temp.	-20°C - +50°C
Storage Temp.	-20°C - +60°C
Humidity	10% – 90% Non-condensing
Cooling Solution Passive	Fanless with Heatsink
Built in System	
CPU	Intel® i7 Processor, 2.50 GHz
Support OS	Windows 10
RAM	8 GB
Storage	256 GB SSD
Network	2x Ethernet, Wi-Fi & Bluetooth
Input & Output	
USB	1 x USB2.0 & 1 x USB3.0
HDMI	1 x HDMI
VGA	1 x VGA (Optional)
Power	1 x DC Jack
LAN	2 x RJ45 Up to 1000M Ethernet port (Dual LAN)
Wireless Feature	Wi-Fi & Bluetooth
Earphone	1 x Standard 3.5mm Headphone (Optional)
Other	
Ingress Protection	IP65 (Front)
Power Requirements	12V DC (5Amp)
Power Consumption	36W (Approx.)
Power Switch	Glowing Switch
Housing Color	Black (White Optional)
Housing Material	Mild Steel / Aluminum
Weight	TBA
Mounting	VESA Type

2. Mechanical Drawing (TBA)