

# Datasheet

## Avalue

### EPD-2501

25,3" E-Paper Display with Intel® Celeron® SoC BGA Processor N3350

MO-01-129



 APOLLO DISPLAY  
TECHNOLOGIES



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## EPD-2501

### Public Information Display (Digital Signage)

- > 25.3" E Ink Spectra 3100 Plus Black/White/Red/Yellow
- > 25.3" E Ink Gallery Plus Full color 55K(optional)
- > 25.3" E Ink Kaleido with color 4096 (optional)
- > Onboard Intel® Celeron® SoC BGA Processor N3350
- > DDR3L 1866MTs SO-DIMM up to 8GB,
- > 2.5" SATA3 SSD 64GB
- > 1 x HDMI, 1 x COM, 2 x LAN, 4 x USB 3.1(Gen1)
- > Front Cover Glass, Optional PMMA, support IP54
- > Super Slim Bezel Design
- > E Ink SDK / API support
- > Optional WiFi Module
- > Operating Temp 15~35C

#### + Spec

##### -System Information-

<b>Processor</b>	Onboard Intel® Celeron® SoC BGA Processor N3350
<b>System Memory</b>	1 x 204-Pin DDR3L 1866MTs SO-DIMM up to 8GB
<b>Board</b>	ECM-APL2-B1 + LT1000 T-CON Board

##### Storage

<b>Storage</b>	2.5" SATA3 SSD 64GB
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##### External I/O

<b>USB Port</b>	4 x USB 3.1 (Gen1 5Gbps)
<b>LAN Port</b>	2 x RJ45 LAN port
<b>Wireless LAN Antenna</b>	mPCIe Wi-Fi/BlueTooth module

##### Panel

<b>LCD Size</b>	25.3"
<b>LCD Panel</b>	E Ink EL253TV1 E Ink AC253TT1(optional) E Ink EC253TT1(optional)
<b>Display Type</b>	E Paper Display
<b>Resolution</b>	3200x1800
<b>Touch Screen</b>	2.8 mm Super Clear CG

##### Wireless Communication

<b>WLAN</b>	Optional dual-band 2.4/5.0GHz wireless LAN
<b>Bluetooth</b>	Optional Bluetooth 5.0
<b>Ethernet Chipset</b>	Intel® I211AT, 10/100/1000 Base-Tx Gigabit Ethernet Compatible)

##### Mechanical & Environmental

<b>Operating Temperature</b>	15 ~ 35°C
<b>Storage Temperature</b>	-25 ~ 60°C
<b>Operating Humidity</b>	5% ~ 90% Relative Humidity, Non-condensing
<b>Dimension (W x L x H)</b>	L 607 x W 350 x H 38.8mm
<b>Weight</b>	4.4kg
<b>Vibration Test</b>	1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
<b>Shock Test</b>	10Grms, IEC 60068-2-27, Half Sine, 11ms
<b>Drop Test</b>	ISTA-2A, IEC-60068-2-32 (96.5cm)
<b>IP Rating</b>	Front IP54
<b>Power Requirement</b>	+12V/5A (60W) (accept +12V DC in)
<b>Power Connector</b>	Lockable DC Jack
<b>Color</b>	Black

##### Software Support

<b>OS Information</b>	Windows 10 IoT / Linux (default)
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Our company network supports you worldwide with offices in Germany, Austria, Switzerland, the UK and the USA.  
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