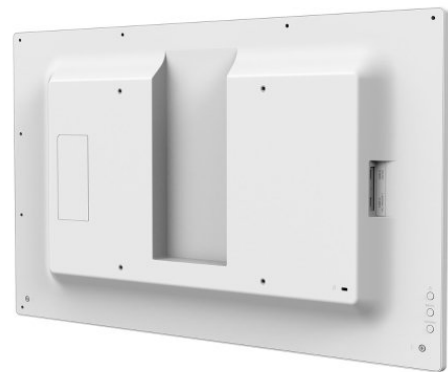
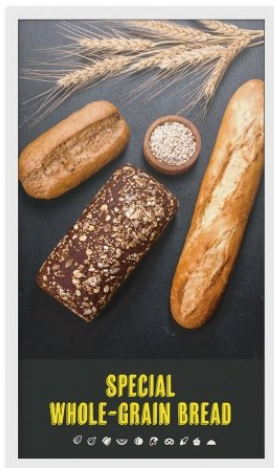


Sharp EP-C251 25.3" ePaper

Datasheet



Sharp ePaper Displays - groundbreaking advance in energy-efficient signage technology

A groundbreaking advance in energy-efficient signage technology, the ePaper Display consumes a remarkable zero watts when presenting content. Taking only minimal power draw when content changes, innovation in ePaper signage is making a significant step forward toward the carbon-neutral era.

A digital alternative to paper posters, full colour ePaper presents static content that's always on display, but might need regular updating, such as POS promotions, menu boards and allergen information in retail and hospitality locations, or timetables, check-in, and gate information in transportation settings. Visible in bright environments, with a paper-like appearance that's easy on the eyes with no reflections nor blue light, ePaper is signposting for sustainability and viewer comfort.

An integrated SoC secures smart and future proof operation, driving content via selected CMS partners, or enjoy the simplest content management using USB, Wifi or Bluetooth.

The ultra-light weight ePaper display can be hung like a picture frame or free standing in any orientation. Capable of being powered by battery with no need for a power cable, it demands little in the way of installation and even less during operation.

Benefits

Zero power consumption – playback of static digital images with zero power consumption, electric power is only needed when changing content.

Unimpaired readability – even under brightest ambient conditions, low reflective, paper-like presentation of static images.

Great visual performance – ACeP colour performance, great contrast, wide viewing angles and fine resolution for ergonomic presentation of content.

Easy content management – simple and convenient configuration and content distribution via PC, USB, Wifi or Bluetooth.

Quick and flexible installation – provisioning of power cable is not mandatory, landscape, portrait, face up and face down operation supported.

Product Information

Product Name	Sharp EP-C251
Product Group	25.3" ePaper
Order Code	60006041

Display

Panel Technology	ePaper
Screen Size [inch/cm]	25.3 / 46.3
Aspect Ratio	16:9
Supported Orientation	Face Down; Face Up ¹ ; Landscape; Portrait

Resolution

Native Resolution	3200 x 1800
-------------------	-------------

Connectivity

Input Data	1 x USB C (Data, USB Memory); 1 x USB C (Power)
------------	---

Electrical

Power Supply	USB-C (30 W)
--------------	--------------

Environmental Conditions

Operating Temperature [°C]	+0 to +35 (AC adapter); +0 to +40; +15 to +35 (Image Change)
Operating Humidity [%]	20 to 80
Storage Humidity [%]	10 to 90
Storage Temperature [°C]	-20 to 60

Mechanical

Dimensions (W x H x D) [mm]	596 x 352 x 31
Weight [kg]	1.9
VESA Mounting [mm]	200 x 200 (FDMI); 4 holes; M4
Packaging Dimensions (W x H x D) [mm]	685 x 420 x 124
Packaging Weight [kg]	4

MediaPlayer

Supported Image Formats	*jpeg, *jpg, *bmp, *png
-------------------------	-------------------------

Bluetooth

Bluetooth	5.0 compliant
-----------	---------------

Wireless LAN

WLAN	IEEE802.11ac/n/a/g/b compliant
------	--------------------------------

Green Features

Energy Efficiency	Zero power consumption for static images
Ecological Materials	Recycled plastic material

Additional Features

Special Characteristics	External Battery Compartment
Shipping Content	AC Power Adapter; Cable Clamps; Display; Hanging Brackets and Screws; Power Cable
Warranty	3 years

¹ adjusted usage conditions for face up/down installations, please refer to operational guidelines or contact our support

This document is © 2025 Sharp NEC Display Solutions Europe GmbH.

All rights reserved in favour of their respective owners. All hardware and software names are brand names and/or registered trademarks of the respective manufacturers. All specifications are subject to change without notice. Errors and omissions are excepted. 21.08.2025