01 / PANEL OVERVIEW

10.1-inch WUXGA LCD

Display Technical Brief

1920 × 1200 in product landscape orientation (16:10); source lists 1200 × 1920 in native portrait.

PANEL CLASS	NATIVE RASTER	FRAMEMORY REFERENCE
10.1 in	**1200 × 1920**	**10S**

Display and optical profile

Panel technology	Normally black TFT
Brightness	270 cd/m² typ.; 220 min. (center)
Contrast ratio	1000:1 typ.
Viewing angle	85° typ. each direction (CR ≥ 10)
Color	65% typ. NTSC
Active area	135.36 × 216.58 mm
Module outline	143.00 × 228.60 × 2.60 mm (±0.20)
Temperature	−10 to +50 °C operating; −20 to +60 °C storage

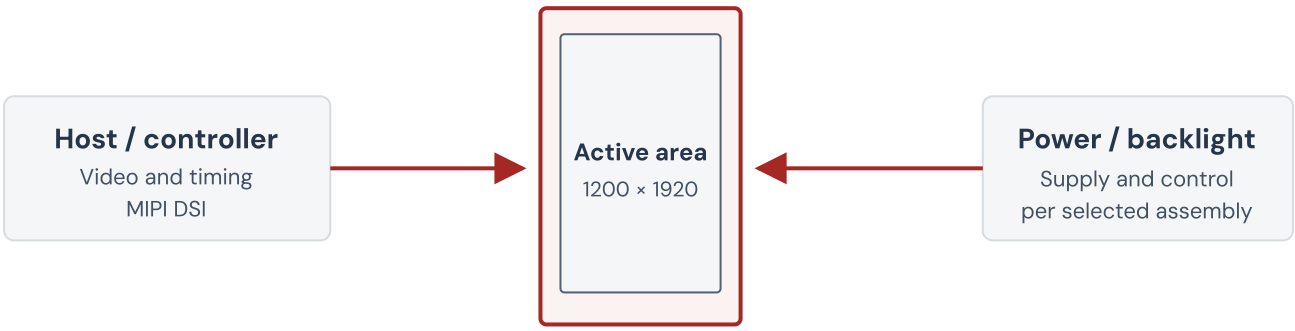
Selection note

> This is a 16:10 WUXGA raster, not 1920 × 1080 FHD. Check host timing and reset level even if the mating connector appears similar to the HD module.

02 / ENGINEERING INTEGRATION

Interface and integration

Use the component notes to plan an enclosure and host review on the exact assembled configuration.



Functional illustration only • not a pin map or mechanical drawing

Electrical and connection profile

Video	MIPI DSI · 4 lanes
Connector	40 contacts; 0.50 mm pitch
Touch	Not specified by panel source
Timing	60 Hz typ.; confirm production blanking/clock profile
Power / backlight	90 mA typ.; 22.4–26.4 V listed at 25 °C

Before design release

Host setup
Confirm interface mode, mapping and initialization on the target controller.

Mechanical fit
Check connector access, flex bend and tolerance stack in the assembled enclosure.

Scope: LCD component, not a finished Framemory device specification. Listed limits and typical values are not acceptance criteria; verify against the approved assembly and its controlled documents.