01 / PANEL OVERVIEW

11-inch HD-class LCD

Display Technical Brief

16:10 raster in landscape; source lists native portrait.

PANEL CLASS	NATIVE RASTER	FRAMEMORY REFERENCE
11 in	**800 × 1280**	**11P**

Display and optical profile

Panel technology	IPS, normally black
Brightness	350 cd/m² typ.; 300 min. (panel optical table)
Contrast ratio	1000:1 typ.; 800:1 min.
Viewing angle	89° typ.; 80° min. each direction (CR > 10)
Color	Not specified
Active area	Confirm active area before tooling
Module outline	152.52 × 244.07 × 2.35 mm (LCM table; not cover-glass envelope)
Temperature	−10 to +50 °C operating; −20 to +60 °C storage

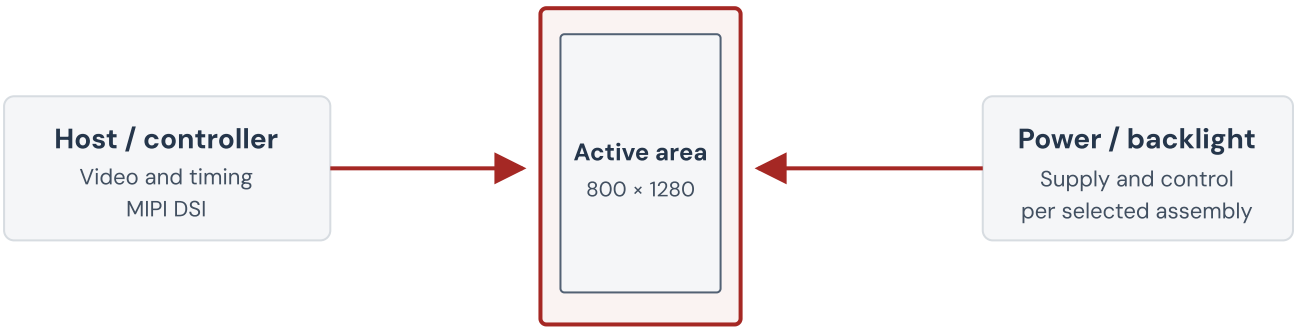
Selection note

> The panel is in the 11-inch class. The drawing and summary list different active-area dimensions. Do not freeze tooling from this brief.

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 · confirm enabled lanes
Connector	51 positions shown in the mechanical drawing
Touch	Touch implementation not confirmed
Timing	Obtain released host timing before integration
Power / backlight	100 mA typ.; 22.4 / 24 / 25.6 V min. / typ. / max.

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.