FAQs

What is the advantage of our embedded display solutions?
- Reduces the engineering cost.
- Shortens development cycle.
- Portable & deployable solution.
- A ready-to-go demo of our capabilities.

Do you offer development kits, carrier/driver boards, displays or reference designs?
- Yes, we can supply a fully integrated system.

What is the MOQ (minimum order quantity) for production after prototype?
- We are flexible with MOQ. Let us know how we can help you.

Can I buy the display by itself and integrate my own SOM later?
- Absolutely! We are a display manufacturer first.

Does anyone else supply embedded systems for a 4K OLED display?
- No, we are the only display manufacturer offering an embedded display solution.

By using your embedded display solution, how much approximate time will I be saving?
- It can save approx. 6 months of development time.

Is this ready for volume production or still in prototype phase?
- It's production ready. Engineering samples are shipping.

Metrics

1ST

10+
Industry First

50+
Custom Design Wins

900K+
Units Shipped Worldwide

Our Story

Founded in 2013, Lincoln Technology Solutions is a display-first company built by engineers who turn bold ideas into real-world solutions. We specialize in developing, manufacturing, and integrating cutting-edge OLED and LCD displays for custom applications of any complexity. With a U.S. based engineering team and global operations, we provide full design and integration services — from concept to production — backed by deep expertise in ruggedization, driver boards, and embedded solutions.

Your vision, our displays — that's our promise.

Contact Us

sales@lincolntechsolutions.com

LINCOLN
TECHNOLOGY SOLUTIONS ™

Display Manufacturer and Integrator
Building what off-the-shelf never could

Introducing Embedded Display Solutions designed to streamline your build and speed up your launch

NEW!

- Embedded Display Solutions
- Custom NPI LCM and OLED
- Full Array Local Dimming (FALD)
- Interface and Video Bridge Electronics
- Backlight Design for High-Bright. Ultra-Bright, and Wide Gamut
- EOL Drop-In Replacement Designs
- Display Metrology
- Display Bring-Up

Value $$

Essential performance for fast, cost-effective integration

Embedded SoM Option:

Phytec TI AM62x

7"

5"

USBC & Barrel power options

Video/Camera

Ethernet

CAN Bus

M2

Modular configuration for all Value/Performance sizes

Phytec TI AM62x

Wifi + BLE off SoM

LTS Model	Tech	Size	Resolution	Interface	Brightness (Nits)
LCD369	Basic	5"	800 x 400	RGB	500
LCD370	Basic	7"	1024 x 600	LVDS	500

For All Displays

Popular sizes shown—many more available

- **Custom cover lens:** *size, logo, thickness*
- **Custom backlight options:** *brightness, zones, efficiency*
- **Tailored to your product** *(not just off the shelf)*
- **Low MOQ** *and flexible integration support*

Performance 💪

Enhanced durability, upgraded optics, and rugged flexibility

10.1"

Embedded SoM Option:

Phytec TI AM62x

LTS Model	Tech	Size	Resolution	Interface	Brightness (Nits)
LCD197	UBHG	5"	1080 x 1920	MIPI	3000
LCD271	UBWG	7"	1200 x 1920	MIPI	3500
LCD281	COB FALD UB	7"	1200 x 1920	MIPI	1500
LCD282	HB	7"	1200 x 1920	MIPI	1500
LCD367	Rugged HB	7"	1280 x 768	LVDS	2000
OLED348	OLED	7"	1080 x 1920	MIPI	800
LCD185	HBWG	10.1"	1920 x 1200	LVDS	1000
LCD209	CSP FALD UB	10.1"	1200 x 1920	MIPI	2800
LCD304	Rugged HB	10.1"	1280 x 720	LVDS	2000

Premium 💎

4K OLED & FALD brilliance with intelligent power

Industry First **4K** Embedded System
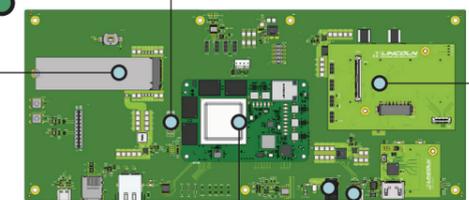
13.3"

Embedded SoM Options:

Toradex Aquila TI AM69

Coming Soon!

Ezurio Tungsten SMARC MediaTek Genio

CAN Bus

M2

Toradex Aquila TI AM69 or Ezurio Tungsten SMARC MediaTek Genio

Modular configuration for all Premium sizes

USBC & Barrel power options

LTS Model	Tech	Size	Resolution	Interface	Brightness (Nits)
OLED290	OLED	13.3"	3840 x 2160	eDP	400
OLED291	OLED	15.6"	3840 x 2160	eDP	400
OLED292	OLED	18.5"	3840 x 2160	eDP	400
OLED294	OLED	21.6"	3840 x 2160	eDP	400
OLED293	OLED	27"	3840 x 2160	eDP	400
LCD363	COB FALD HB	31.5"	3840 x 2160	eDP	1500