Flexible microgrid large screen display

Super-stretchable, highly pliable screens are one of those technologies we often see in sci-fi movies and shows, but LG Display has just moved a step closer to making fantasy reality.

The newly demonstrated LG"s stretchable Micro LED screen is a 12-inch transparent and flexible RGB full-color LED screen made of 40-micron Micro LEDs, with a resolution of 100ppi, and ...

Now LG Display"s engineers have demonstrated a new version of the technology that sports the same-size screen, but can be stretched out to 18 inches (~46 cm).

Discover flexible OLED displays from small to large sizes by DisplayMan -- ultra-thin, high-contrast, customizable solutions for EVs, wearables, and medical devices.

Back in September, we got a first look at what LG Display views as the future of screens: micro-LED technology that "can be freely stretched, folded and twisted."

AUO unveiled its 17.3-inch foldable Micro LED display at the SID Display Week, featuring a folding hinge with a minimal radius of just 4mm. This design maximizes display space and ...

These displays are being integrated into a wide range of devices, including smartphones, tablets, TVs, wearables, and automotive displays, offering enhanced user experiences and new ...

Discover what flexible LED displays are, how they work, and why they"re redefining visual design for modern businesses.

Compared to the first Stretchable display prototype unveiled in 2022, the new panel"s maximum elongation rate has more than doubled from 20% to 50%. This enhanced stretchability ...

During the K-Display 2025 conference, Samsung Display unveiled a new flexible wearable microLED

display. This new panel offers a brightness of 6,000 nits, and a density of 326 PPI. ...

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