LCD and OLED Display Cost Model

Uncover cost trends, forecast profitability and optimize production with deep, comparative panel analysis tailored for strategic advantage.

Key Questions Answered

- How do LCD and OLED cost structures compare?
- What are the profit margins across different display technologies?
- How can manufacturers optimize costs for large and small panel sizes?
- What are the cost forecasts for emerging display technologies?
- What will become of the cost competitiveness of QD OLED?
- How much will the cost increase for the manufacturing of big size TV?

What We Offer

- Side-by-side cost structure analysis for LCD and OLED displays
- Forecasts for both display types, with insights into profitability and cost optimization
- Component breakdowns to identify key cost drivers
- Competitive intelligence on cost-efficient fab generations.
- Direct engagement with Omdia experts to interpret market developments, validate assumptions, and support strategic decisions

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SPEAK WITH OUR EXPERTS

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Maximizing profitability with comprehensive insights

Key Deliverables

Quarterly Cost Tracker
Quarterly updates with detailed breakdowns of material, component, and manufacturing costs for OLED and LCD panels, supporting accurate procurement and investment decisions.

5-Year Forecasts
Forward-looking cost analysis including module pricing, sales profitability, yield rates, and fab utilization trends across major panel-producing regions.

Regional Cost Benchmarking
Track and compare typical panel costs from Korea, Japan, China, and Taiwan—offering context-specific insights into supplier competitiveness and regional shifts.

Scope of Work

Coverage

- Global analysis of typical panel costs from Korea, Japan, China and Taiwan
- Tracks both LCD and OLED technologies, including RGB OLED, WOLED, color filters, polarizers, driver ICs, PCBs, backlight modules and more
- Covers key manufacturing measures like labour, depreciation, cash cost, yield by process, fab operations, SG&A, sales profitability and more

Key Devices and Components Covered

- **LCD:** Glass, liquid crystal, polarizer, color filters, backlight, touch sensors and more
- **OLED:** RGB OLED, WOLED, HTL/ETL, HIL/EIL layers, electrode materials, panel thinning and more
- **Cross-tech:** Driver IC, PCB, cover lens, module components and more

EXPLORE LATEST COST ANALYSIS

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