

Comparison: Samsung UH46N-E vs. P46N1 46-inch LCD Display

| Feature | Samsung UH46N-E | P46N1 46-inch LCD Display |
|-------------------|---------------------------------|------------------------------------|
| Bezel Size | 1.7mm | 0.88mm |
| Resolution | 1920 × 1080 | 1920 × 1080 |
| Brightness | Estimated 500-700 cd/m2 | 500 cd/m2 |
| Contrast Ratio | High (unspecified) | 1200:1 |
| Response Time | Optimized for video walls | 8ms |
| Viewing Angle | Wide-angle optimized | 178° / 178° |
| Refresh Rate | Optimized (not specified) | 60Hz |
| Operation | 24/7 | 24/7 (50,000 hours lifespan) |
| Built-in Player | External media players required | Android 11, Quad-core CPU, 2GB RAM |
| Power Consumption | Optimized (unspecified) | <=180W (typical), <1W (standby) |
| Mounting | Slim, video wall setup | Wall mountable, metal shell |