Indoor

# OneBoard R Micro LED

## Superior display with Micro LED, including touch options

The screen quality is higher,
and the surface durability is stronger.

## OneBoard R specification

| Product | 108"FHD | 135"FHD | 163"FHD | 108"4K | 135"4K | 163"4K |
|---|---|---|---|---|---|---|
| Pixel pitch | 1.25 mm | 1.58854 mm | 1.875 mm | 0.625 mm | 0.78 mm | 0.9375 mm |
| Brightness | 600 nit | 600 nit | 600 nit | 600 nit | 600 nit | 600 nit |
| Screen Size | 108" | 135" | 163" | 108" | 135" | 163" |
| Screen Dimension | 2400 x 1350 mm | 3000 x 1687.5 mm | 3600 x 2025 mm | 2400 x 1350 mm | 3000 x 1687.5 mm | 3600 x 2025 mm |
| Screen Resolution | 1920 x 1080 px | 1920 x 1080 px | 1920 x 1080 px | 3840 x 2160 px | 3840x2160 px | 3840 x2160px |
| Screen Ratio | 16 : 9 | 16 : 9 | 16 : 9 | 16 : 9 | 16 : 9 | 16 : 9 |
| Contrast Ratio | 12,000 : 1 | 12,000 : 1 | 12,000 : 1 | 12,000 : 1 | 12,000 : 1 | 12,000 : 1 |
| Refresh Rate | 3,840 Hz (option: 7,680Hz) | 3,840 Hz (option: 7,680Hz) | 3,840 Hz (option: 7,680Hz) | 3,840 Hz (option: 7,680Hz) | 3,840 Hz (option: 7,680Hz) | 3,840 Hz (option: 7,680Hz) |
| Viewing Angle | 160° (H, V) | 160° (H, V) | 160° (H, V) | 160° (H, V) | 160° (H, V) | 160° (H, V) |
| Weight | 135 kg | 195 kg | 260 kg | 135 kg | 195 kg | 260 kg |
| IP Rating | IP54/ IP30 | IP54/ IP30 | IP54/ IP30 | IP54/ IP30 | IP54/ IP30 | IP54/ IP30 |
| Maintenance | Front | Front | Front | Front | Front | Front |
| Power Consumption | Max. 1.3<br>Avg. 0.4 kw/sqm | Max. 2.0<br>Avg. 0.6 kw/sqm | Max. 2.7<br>Avg. 0.8 kw/sqm | Max. 1.3<br>Avg. 0.4 kw/sqm | Max. 2.0<br>Avg. 0.6 kw/sqm | Max. 2.7<br>Avg. 0.8 kw/sqm |
| Input Voltage | AC100~240V 50/60Hz | AC100~240V 50/60Hz | AC100~240V 50/60Hz | AC100~240V 50/60Hz | AC100~240V 50/60Hz | AC100~240V 50/60Hz |
| Life span | 100,000 hours | 100,000 hours | 100,000 hours | 100,000 hours | 100,000 hours | 100,000 hours |
| Operating System | Android 11/Windows 11 (Optional) | Android 11/Windows 11 (Optional) | Android 11/Windows 11 (Optional) | Android 11/Windows 11 (Optional) | Android 11/Windows 11 (Optional) | Android 11/Windows 11 (Optional) |
| Video Input | HDMI1 13 x 1 | HDMI1 13 x 1 | HDMI1 13 x 1 | HDMI1 13 x 1 | HDMI1 13 x 1 | HDMI1 13 x 1 |
| Video Output | HDMI OUT1 x 1 | HDMI OUT1 x 1 | HDMI OUT1 x 1 | HDMI OUT1 x 1 | HDMI OUT1 x 1 | HDMI OUT1 x 1 |
| Speaker | 210 w | 210 w | 210 w | 210 w | 210 w | 210 w |
| Audio Output | 3.5mm x 2/ SPDIF x 1 | 3.5mm x 2/ SPDIF x 1 | 3.5mm x 2/ SPDIF x 1 | 3.5mm x 2/ SPDIF x 1 | 3.5mm x 2/ SPDIF x 1 | 3.5mm x 2/ SPDIF x 1 |
| USB | USB 3.0 x 1,2.0 x 2 | USB 3.0 x 1,2.0 x 2 | USB 3.0 x 1,2.0 x 2 | USB 3.0 x 1,2.0 x 2 | USB 3.0 x 1,2.0 x 2 | USB 3.0 x 1,2.0 x 2 |
| Type C | 6x RJ45 x 1 | 6x RJ45 x 1 | 6x RJ45 x 1 | 6x RJ45 x 1 | 6x RJ45 x 1 | 6x RJ45 x 1 |
| RS232 | RS232 x 1 | RS232 x 1 | RS232 x 1 | RS232 x 1 | RS232 x 1 | RS232 x 1 |
| Lan | Lan x 1 | Lan x 1 | Lan x 1 | Lan x 1 | Lan x 1 | Lan x 1 |