# Samsung QM55R-T signage display Digital signage flat panel 55" LED Wi-Fi 400 cd/m² 4K Ultra HD Black Touchscreen Built-in processor Tizen 4.0 24/7



**Brand :** Samsung

**Code product** - LH55QMRTGBC/EN

**Product name :** QM55R-T



55" 4KUHD, 8ms, WIFI, HDMI, Edge LED BLU
Samsung QM55R-T. Product design: Digital signage flat panel. Display diagonal: 55",
Display technology: LED,
Display resolution: 3840 x 2160 pixels,
Display brightness: 400 cd/m², HD type: 4K Ultra HD, Touchscreen. Wi-Fi.
Operating hours (hours/days): 24/7.
Operating system installed: Tizen 4.0. Product color: Black




| Display | |
|---|---|
| LED backlighting type | Edge-LED BLU |
| Display diagonal * | 55" |
| Display technology * | LED |
| Display resolution * | 3840 x 2160 pixels |
| Display brightness * | 400 cd/m² |
| HD type * | 4K Ultra HD |
| Touchscreen * | ✓ |
| Response time | 8 ms |
| Contrast ratio (typical) | 4000:1 |
| Dynamic contrast ratio marketing name | Mega Contrast |
| Viewing angle, horizontal | 178° |
| Viewing angle, vertical | 178° |
| Display number of colors | 16.7 million colors |
| Pixel pitch | 0.0124 x 0.0124" (0.315 x 0.315 mm) |
| Active display area (W x H) | 47.6 x 26.8" (1209.6 x 680.4 mm) |
| Haze rate | 25% |

| Ports & interfaces | |
|---|---|
| HDMI ports quantity * | 3 |
| HDMI version | 2.0 |
| HDMI input ports quantity | 2 |
| HDMI output ports quantity | 1 |
| DVI port * | ✓ |
| DVI-D ports quantity | 1 |
| DisplayPorts quantity * | 1 |
| USB port * | ✓ |
| USB ports quantity | 2 |
| USB version | 2.0 |
| Ethernet LAN * | ✓ |
| Ethernet LAN (RJ-45) ports | 1 |
| Wi-Fi * | ✓ |
| Audio (L/R) out | 1 |
| RS-232C | ✓ |
| Infrared data port | ✓ |

| Performance | |
|---|---|
| Purpose * | Commercial |
| Operating hours (hours/days) | 24/7 |
| HDCP | ✓ |
| International Protection (IP) code | IP5X |
| HDCP version | 2.2 |

| Power | |
|---|---|
| Power consumption (typical) * | 107 W |
| Power consumption (standby) * | 0.5 W |
| Energy efficiency class (SDR) | G |
| Energy consumption (SDR) per 1000 hours | 107 kWh |
| AC input voltage | 100 - 240 V |
| AC input frequency | 50 - 60 Hz |
| Energy efficiency scale | A to G |

| Computer system | |
|---|---|
| Built-in processor * | ✓ |
| Processor manufacturer | ARM |
| Processor family | ARM Cortex |
| Processor model | A72 |
| Processor frequency | 1.7 GHz |
| Processor cores | 4 |
| Internal storage capacity | 8 GB |
| Operating system installed | Tizen 4.0 |
| Video formats supported | AVC, AVS+, H.263, H.264, MPEG1, MPEG2, MPEG4, VC-1, VP8, VP9 |
| Audio formats supported | AC3 |
| Image formats supported | JPEG, PNG |

| Weight & dimensions | |
|---|---|
| Width | 49.4" (1253.8 mm) |
| Depth | 2.23" (56.7 mm) |
| Height | 28.9" (734.6 mm) |
| Weight | 59.3 lbs (26.9 kg) |

| Packaging data | |
|---|---|
| Package width | 55.9" (1421 mm) |

| Audio | |
|---|---|
| Built-in speaker(s) * | ✓ |
| Number of built-in speakers | 2 |
| RMS rated power | 20 W |

| Design | |
|---|---|
| Product design * | Digital signage flat panel |
| Placement supported * | Indoor/outdoor |
| Orientation | Horizontal/Vertical |
| Product color * | Black |
| VESA mounting * | ✓ |
| Panel mounting interface | 200 x 200 mm |
| Bezel width (bottom) | 1.02" (2.6 cm) |
| Bezel width (side) | 0.827" (2.1 cm) |
| Bezel width (top) | 1.02" (2.6 cm) |

| Packaging data | |
|---|---|
| Package depth | 6.5" (165 mm) |
| Package height | 34.8" (884 mm) |
| Package weight | 71.7 lbs (32.5 kg) |

| Packaging content | |
|---|---|
| Handheld remote control | ✓ |
| Batteries included | ✓ |
| Cables included | AC |

| Operational conditions | |
|---|---|
| Operating temperature (T-T) | 0 - 40 °C |
| Operating relative humidity (H-H) | 10 - 80% |

| Features | |
|---|---|
| Heat dissipation (max) | 487.63 BTU/h |