

Series Name
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OMN-S Series

Display

Screen Size ?
55"

Brightness
3000 nits

Contrast Ratio (Dynamic)
6,000:1

Viewing Angle (H/V)
178/178

Operation Hours
'24/7

Type
120Hz / 60Hz E-LED BLU

Pixel Pitch (mm)
0.630 x 0.630

Active Display Area (mm)
1209.6(H) x 680.4(V)

Brightness (Typ.)
3,000 / 1,000 cd/m2

Display Colors
8 bit - 16.7M

Color Gamut
72%

Orientation
Portrait

Response Time(G-to-G)
6ms(3,000nit), 10ms(1,000nit)

H-Scanning Frequency
15 ~ 135kHz (HDMI)

V-Scanning Frequency
24 ~ 75Hz (HDMI)

Maximum Pixel Frequency
594MHz (HDMI)

Connectivity
Input

RGB: N/A
VIDEO: HDMI 2.0 (2)
HDCP: HDCP 2.2
AUDIO: N/A
USB 2.0 (2)

Output

RGB: N/A
VIDEO: N/A
AUDIO: N/A
Power Out: N/A
USB: N/A

External Control

RS232C (In), RJ45 (In)

External Sensor

Detachable Type (IR, Ambient)

Power

Power Supply
AC 100 - 240 V, 50/60 Hz

Power Consumption (Typical/Max)

"Typical: 357 ※ IEC 62087
measurement standard Max:
500"

Type

Internal

BTU (Max)
1705

Sleep Mode
less than 1W

Power Consumption (Off Mode)
less than 0.5W

Environmental Conditions

Operating Temperature ?

0°C~ 40°C

Features

Key

Dual Display
Slim design Semi-Outdoor
Built-in MagicInfo Player S7,
SSSP 7.0

Operating Humidity

10~80%

Special

IP 5X rated, Polarized Sun
Glasses Viewable in any
direction, Portrait Installation
Support, Auto Brightness
Control with Ambient
Brightness Sensor,
Temperature Sensor, RJ45
MDC, Auto Source Switching &
Recovery, Clock Battery(80hrs
Clock Keeping), WiFi Module
Embedded (2ea, one per each
display)

24/7 Operation

Yes

Internal Player

Processor

Cortex A72 1.7GHz Quad-Core
CPU

On-Chip Cache Memory

L1 Instruction Cache : 48KB
L1 Data Cache : 32KB
L2 Cache : 2MB

Clock Speed

1.7GHz

Main Memory Interface

2.5GB
LPDDR4 1.5GHz 64bit

Graphics

Graphic resolution :
1920x1080
Output resolution : 1920x1080
- Supports OpenGL ES

Storage

8GB
(3.88GB Occupied by O/S,
4.12GB Available)

Multimedia

Video Decoder FHD MFD : VP8,
H.264, AVS+(60Hz)UHD MFD :
HEVC, H.264, VP95K HEVC
Decoder,
SHVC(ATSC3.0)AVS2.0 HEVC /
AVS2.0 1xUHD120p (DP_NR
off, FRC bypass) Audio Decoder
- AC3 (DD), MPEG

IO Ports

USB 2.0

Operating System

Tizen 5.0 (VDLinux)

Dimensions

Without Stand (W x H x D)

726.8 x 1299 x 69.5 mm

Packaging (W x H x D)

940 x 1466 x 367 mm

Bezel Width

22.8 (even)

Weight

Product Weight

42kg


Package Weight

52kg

Accessories

Included in Box

Quick Setup Guide, Regulatory Guide, Warranty Card, Power Cord, Remote Controller, Batteries, IR, Ambient sensor

Certifications 

Safety

60950-1

EMC

Class A

Environment

802.1x(WPA2 Enterprise)