

# DFI® DS912-OT Digital Signage



## Features

- AMD® T56N/ T40N; AMD® A50M
- Dual display output
- Supports DDR3 SODIMM; up to 16GB
- 1 2.5" SATA drive bay, 1 SD/ MMC
- 1 PCIe x16 slot (x4 signal) for graphics expansion
- Supports mSATA via a Mini PCIe slot
- 1 LAN, 1 HDMI, 1 DVI-I, 4 USB, 2 COM, 1 Line-out, 8-bit DIO

## System Specifications

### PROCESSOR SYSTEM

- APU
  - DS912-OT56N, AMD® T56N, 1.65GHz, 18W TDP, dual-core
  - DS912-OT40N, AMD® T40N, 1.0GHz, 9W TDP, dual-core
- Chipset
  - AMD® A50M

### MEMORY

- 2 DDR3 SODIMM sockets
- Supports DDR3 1066/1333MHz (DS912-OT56N)  
Supports DDR3 1066MHz (DS912-OT40N)
- Supports up to 16GB memory
- Single channel memory interface

### GRAPHICS

- Supports Hardware H.264/MPEG-4 video decoder or A/C (Advanced Video Coding)
- 1080p video playback capability
- DVI-I display resolution up to 1920x1080
- HDMI display resolution up to 1920x1080
- Dual display outputs
  - DVI-I + HDMI

### STORAGE

- 1 2.5" SATA drive bay
- 1 SD/MMC slot
- Supports 1 mSATA module via a Mini PCIe socket

### ETHERNET

- Realtek® RTL8111DL Gigabit Ethernet controller

### AUDIO

- Realtek® ALC262 2-channel High Definition Audio

### COM

- 1 5-pole RS232 COM terminal block
- 1 DB-9 RS232/422/485 COM

### I/O PORTS

- Front Panel
  - 1 9-pole terminal block for 8-bit DIO
  - 1 5-pole RS232 COM terminal block
  - 2 USB 2.0 ports (Type A)
  - 1 SD/MMC slot
  - 1 Power LED
  - 1 HDD LED
- Rear Panel
  - 1 DB-9 RS232/422/485 COM
  - 1 HDMI
  - 1 DVI-I
  - 1 Line-out
  - 1 LAN
  - 2 USB 2.0 (Type A)
  - 1 Reset button
  - 1 Power button
  - 2 antenna holes
  - 12V DC-in

### EXPANSION

- 1 PCIe x16 slot (x4 signal)
  - Supports PCIe graphics card (low profile)
- 2 Mini PCIe slots
  - One of the slots support mSATA module

### POWER

- Power input voltage
  - +12V DC

### COOLING SYSTEM

- 2 system fans

### ENVIRONMENT

- Temperature
  - Operating: 0°C ~ 45°C
  - Storage: -20°C ~ 70°C
- Humidity
  - Operating: 10% to 85% non-condensing
  - Storage: 10% to 90% non-condensing

### CONSTRUCTION

- SGCC

### MOUNTING

- Wall/VESA/Rack mount
  - brackets and screws (optional)

### DIMENSIONS

- 295mm x 43.5mm x 205mm (W x H x D)

### WEIGHT

- 1.85 kg

### OS SUPPORT

- Windows 7, Windows 7 Embedded, Windows XP, Windows XP Embedded, Linux Kernel 2.6

### OTHER FEATURES

- Watchdog Timer function

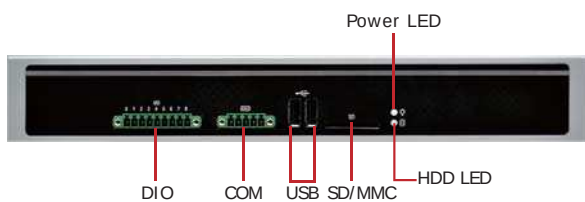
### CERTIFICATION

- CE
- FCC Class B
- RoHS

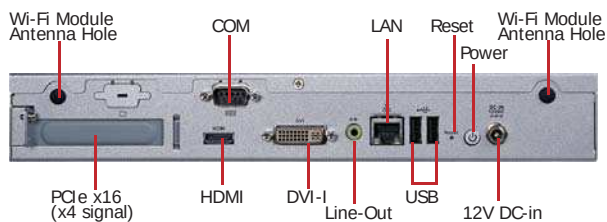
# DS912-OT Digital Signage

DFI®

## Panel

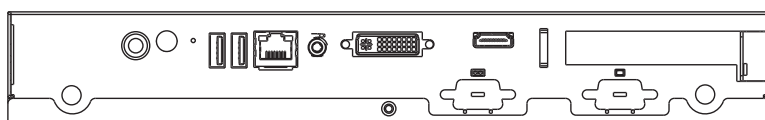


Front View

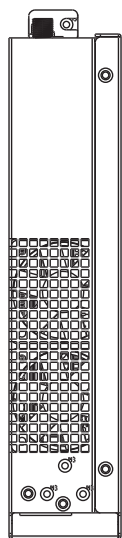


Rear View

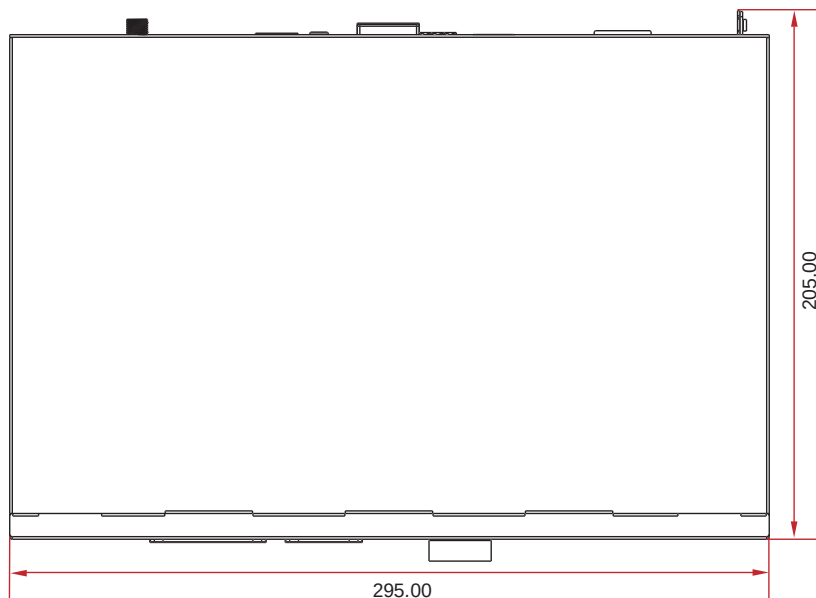
## Dimensions



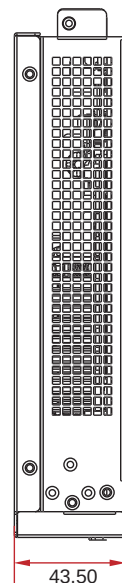
Rear View



Left View



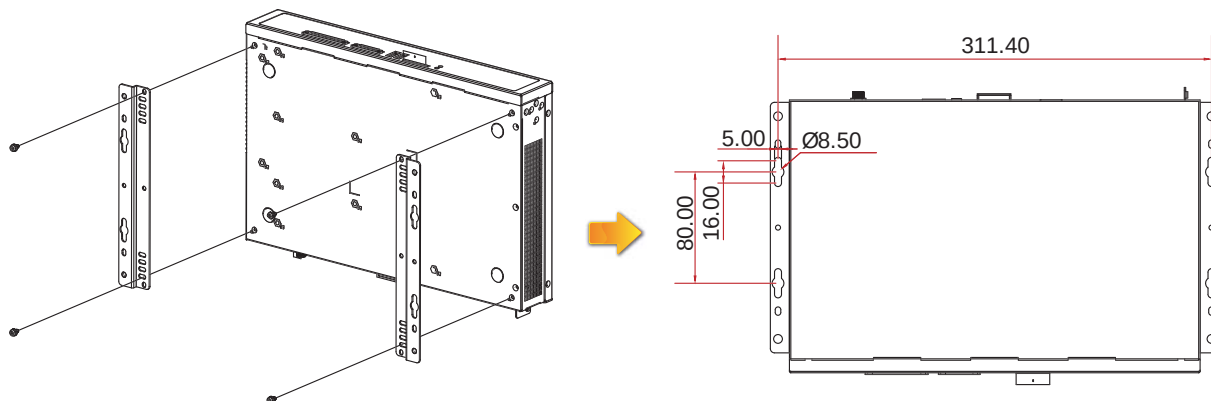
Front View



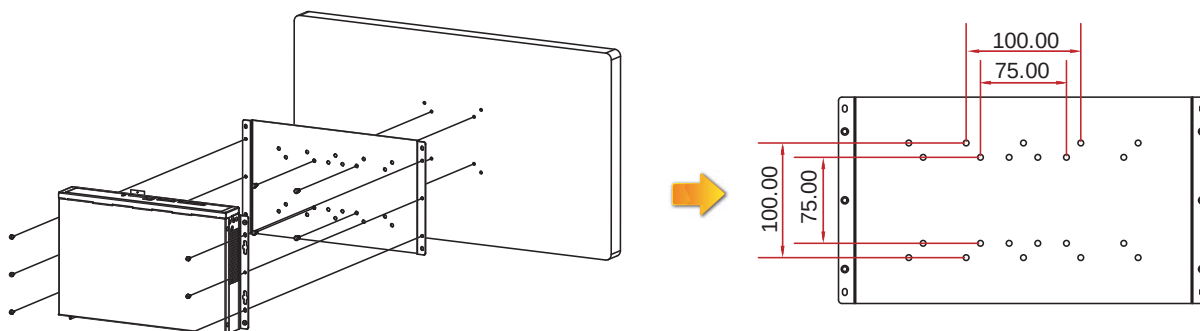
Right View

## Mounting

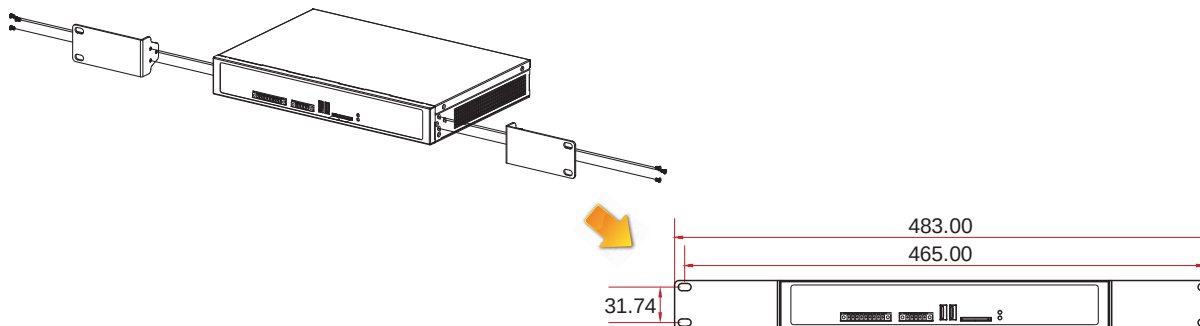
## Wall Mounting



## VESA Mounting



## Rack Mounting



# DS912-OT Digital Signage



## Packing List

- 1 DS912-OT system unit
- 1 HDD drive bay kit
  - 4 HDD screws
  - 1 SATA with power cable
- 2 Terminal blocks
- 1 60W power adapter
  - AC input: 100-240V, 50-60Hz
  - DC output: 12V, 5A max (60W max)
- 1 Quick Installation Guide
- 1 DVD disk includes:
  - Drivers / Manual

## Ordering Information

| Model Name  | Part Number     | Description                                  |
|-------------|-----------------|----------------------------------------------|
| DS912-OT56N | 750-DS912T-000G | DS912-OT56N: SYSTEM OT930-BT56N Fan F/G RoHS |
| DS912-OT40N | 750-DS912T-500G | DS912-OT40N: SYSTEM OT930-BT40N Fan F/G RoHS |

## Optional Items

| Optional Items | Part Number     | Description                |
|----------------|-----------------|----------------------------|
| Memory         | 785-RSOD31G     | SODIMM, DDR3, 1GB, RoHS    |
|                | 785-RSOD32G     | SODIMM, DDR3, 2GB, RoHS    |
|                | 785-RSOD34G     | SODIMM, DDR3, 4GB, RoHS    |
| HDD            | 785-H25250G     | 2.5" SATA HDD, 250GB, RoHS |
|                | 785-H25500G     | 2.5" SATA HDD, 500GB, RoHS |
| Wall Mount     | 761-DS9120-000G | DS912 Wall Mount kit       |
| VESA Mount     | 761-DS9100-000G | DS910 VESA Mount kit RoHS  |
| Rack Mount     | 761-DS9120-300G | DS912 Rack Mount kit RoHS  |