Multi Screen Appliances
Power Multi Screens for Digital Signage Arrays

The DT Research Multi Screen Appliances are designed to power multiple screens for digital signage applications. Featuring powerful, energy-efficient processors and graphic cards, the DT Research Multi Screen Appliances include the latest technology for high-quality video and optimal display experience. Combined with the industry-leading WebDT Content Manager software, the DT Research Multi Screen Appliances are capable of driving up to 7680 x 4320, Super High-Vision resolution dynamic content on multiple screens while communicating with the server for updates. The DT Research Multi Screen Appliances support various monitor layouts, ideal for a range of applications and deployments.

2 × 2

● Applications

The DT Research Multi Screen Appliances are ideal for the following applications:

- Retail
- Hospitality
- Government
- Restaurant
- Casino/ Entertainment
- Transportation
- Healthcare
- Finance

4 × 1

4 × 4

MS200/ MS400/ MS800/ MS1600/ MS1800

DT Research

• Specifications

Model	MS200	MS400	MS800	MS1600	MS1800

System

	MS200	MS400	MS800	MS1600	MS1800
CPU	Intel® Core™ i3, 2.93GHz; upgrade option: Intel® Core™ i5, 3.20GHz	Intel® Core™ i3, 2.93GHz; upgrade option: Intel® Core™ i5, 3.20GHz or Quad-Core™ i7, 2.8GHz		Intel® Quad-Core™ i7, 2.8GHz	Intel® 6-Core™ i7 980X, 3.33GHz
Graphics Card	N/A	ATI FirePro Multiview™			ATI Radeon™ HD 5870
RAM	4GB DDR3; 8GB upgrade (optional)				6GB DDR3; 12GB upgrade (optional)
Storage	250GB HDD				
Operating System	Microsoft® Windows® Embedded Standard 7				
Display Resolution	2160 x 1920 for 1 x 2 digital signage array (max. resolution 1920 x 1080 per display)	3840 x 2160 for 2 x 2 digital signage array (max. resolution 1920 x 1080 per display)	Supports up to dual 3840 x 2160 digital signage array (max. resolution 1920 x 1080 per display)	7680 x 4320 for 4 x 4 digital signage array (max. resolution 1920 x 1080 per display)	max. resolution 1920 x 1080 per display, up to 18 screens
Video Resolution	Full-HD/ Dual Full-HD	Full-HD/ QFHD	Full-HD/ Dual QFHD	Full-HD/ Super High Vision	
Network Interface	Dual 10/ 100/ 1000MB BaseT LAN; Wi-Fi 802.11a/b/g/n (optional)				
Software Compatibility	Compatible with WebDT Content Manager (WCM) 3.2 or above				

I/O Ports

	MS200	MS400	MS800	MS1600	MS1800
Video-out	High-performance graphics for 1 DVI-I and 1 HDMI outputs	High-performance graphics for 4 mini-DisplayPort outputs (including mini-Display to DVI cables)	High-performance graphics for 8 mini-DisplayPort outputs (including mini-Display to DVI cables)	High-performance graphics for 4, 8, 12 or 16 mini-DisplayPort outputs (including mini-Display to DVI cables)	High-performance graphics for 6, 12 or 18 mini-DisplayPort outputs (including mini-Display to DVI cables)
Audio Jack	3.5mm phone jack x 8	3.5mm phone jack x 8	3.5mm phone jack x 6	3.5mm phone jack x 6 Digital output x 2	3.5mm phone jack x 6 Digital output x 2
USB 2.0 Port	8	12	10	10	10
Serial Port	N/A	RS232 x 1	N/A	N/A	N/A
Ethernet	RJ45 connector for Ethernet x 1	RJ45 connector for Ethernet x 1	RJ45 connector for Ethernet x 1	RJ45 connector for Ethernet x 2	RJ45 connector for Ethernet x 2
IEEE 1394 Port	1	1	1	1	N/A
Optional Port	WLAN (optional via internal PCI-Express slot or external USB)				

Mechanical and Environmental

	MS200	MS400	MS800	MS1600	MS1800
AC/DC Adapter	200W ATX	300W ATX	400W ATX	350W ATX	1000W ATX
Enclosure	Aluminum + steel				
Dimensions (H x W x D)	4.09 x 10.4 x 13.3 in/ 104 x 265 x 338 mm	3.75 x 13 x 15.5 in/ 95.3 x 330.2 x 393.7 mm	3.5 x 16.8 x 15.4 in/ 88 x 427 x 391 mm	3.5 x 19 x 17 in/ 88.2 x 482.6 x 431 mm	7 x 18.5 x 17 in/ 177.8 x 469.9 x 431.8 mm
Weight	8.7 lbs/ 3.94 kg	14.51 lbs/ 6.58 kg	19.4 lbs/ 8.80 kg	22.16 lbs/ 10.05 kg	36.2 lbs/ 16.42 kg
Temperature	Operation: 0°C – 40°C; Storage: -20°C – 60°C				
Humidity	5% – 95% non-condensing				

* Specifications subject to change without notice.