

# SA166CR

## Digital Signage Appliance

Robust, Compact and Energy-efficient Digital Signage



The DT Research SA166CR Signage Appliance features an energy-efficient Intel® Atom™ quad-core processor and Windows® operating system, as well as integrates video-out connectors for high definition display experience. Combined with the industry-leading WebDT Content Manager and Menu Board Editor software, one SA166CR is capable of driving content on the screen while communicating with the server for updates for digital menu board and advertising applications.

### Features

- Intel® Atom™ CPU, 4 cores
- Small, robust and fanless design
- Microsoft® Windows® 10 IoT Enterprise operating system
- Support for multiple zones of content
- Content flexibility for many multimedia file formats
- Real-time or scheduled content playback
- Flexible screen layout options with multiple zones and layers
- Automatic content download recovery



### Applications

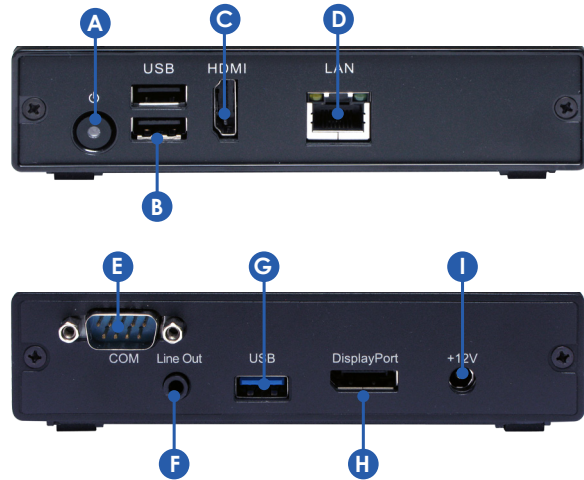
- Retail
- Hospitality
- Casino/ Entertainment
- Government
- Transportation
- Healthcare
- Finance

## Specifications

System	
<b>CPU</b>	Intel® Atom™ quad core, 1.44GHz (up to 1.92GHz)
<b>Chipset/GPU</b>	Intel® HD Graphics
<b>RAM</b>	4GB
<b>Storage</b>	64GB
<b>Operating System</b>	Microsoft® Windows® 10 IoT Enterprise operating system
<b>Display Resolution</b>	1920 x 1080 @ 60Hz, 3840 x 2160 @ 30Hz
<b>Video Resolution</b>	1080P x 1 @ 12 mpbs/30fps
<b>Network Interface</b>	10/ 100/ 1000MB BaseT LAN
I/O Ports	
<b>HDMI</b>	1
<b>DisplayPort</b>	1
<b>Audio Jack</b>	1
<b>USB 2.0 Port</b>	2
<b>USB 3.0 Port</b>	1
<b>COM</b>	1
<b>DC-in</b>	1
<b>Ethernet</b>	RJ45 connector for Ethernet x 1
Mechanical and Environmental	
<b>Fan/Fanless</b>	Fanless
<b>AC/DC Adapter</b>	<b>Input:</b> 100 – 240V AC <b>Output:</b> 12V DC, 3.33A
<b>Enclosure</b>	Aluminum chassis; ABS plastics end-caps Aluminum + steel
<b>Dimensions (H x W x D)</b>	1.4 x 5.5 x 5.1 in/ 35 x 140 x 130 mm
<b>Weight</b>	0.88 lbs/ 400 g
<b>Regulatory</b>	FCC Class B, CE, C-Tick, UL, RoHS compliant
<b>Temperature</b>	<b>Operation:</b> 0°C – 40°C <b>Storage:</b> -20°C – 60°C
<b>Humidity</b>	0% – 90% non-condensing

\* Specifications subject to change without notice.

## I/O Ports



<b>A</b>	Power On/Off	<b>F</b>	Audio Jack
<b>B</b>	USB 2.0 Port	<b>G</b>	USB 3.0 Port
<b>C</b>	HDMI	<b>H</b>	DisplayPort
<b>D</b>	Ethernet	<b>I</b>	DC-in
<b>E</b>	COM		

