



RedDotNet manufactures a full range of small form factor all-in-one kiosks. They can be mounted anywhere. The stylish designs are available in a number of screen sizes, and can easily be customized to match your brand. We have a wide range of fully integrated peripherals and extensive connectivity options.

Key Features & Benefits

Screen

- 10.4" Kiosk with SVGA (800x600) or XGA(1024x768)
- High brightness 350 Nit LCD panel with LED backlight
- Tough resistive or projected capacitive touchscreen
- Available in a variety of colors and finishes, to match your brand
- Small form factor with integral VESA mount

Performance

- State-of-the-art, fanless, 1.6 GHz Intel Atom processor with high performance graphics
- Up to 2GB of RAM and 32GB of Flash memory
- Two PCIe expansion slots
- Low power chipset with PoE (Power over Ethernet) option
- Preloaded with Windows 7 Embedded operating system

Connectivity

- 3G Wireless
- 802.11 A/B/G/N WIFI
- Three USB ports, one with high current
- Two serial ports
- 10/100/1000 Ethernet
- 8 Digital I/O lines

Quality & Reliability

- Rugged chassis based commercial unit, designed to withstand abuse
- Fanless long lifetime design, using industrial grade components
- Reliable solid state storage
- Built in the USA at our ISO certified facility
- 2 Year Warranty

Integrated Peripherals

RedDotNet kiosks are designed for tight spaces, and can be fitted with a wide range of fully integrated peripherals. The unique all-in-one design is truly integrated, resulting in a very compact unit with no external wires.

Thermal Printer

High speed 3" thermal transfer printer with paper sensor and no-jam guillotine style cutter.

Scanner, 2D or 1D

Imaging based scanner for 2D barcodes with support for scanning of QR codes on mobile phone screens. 1D Scanner for UPCs and 1D barcodes.

Card Reader

Bi-directional three track magnetic stripe reader with HID interface and encrypted head for secure implementations.

Camera

High resolution camera with a wide range of glass lenses.

Near Field Communication

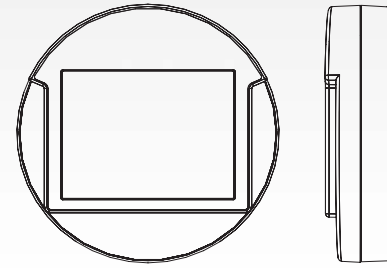
NFC reader with ISO 18092 and Mifare® support. 4 SAM sockets for secure implementations.

Customization

Kiosks are available in a number of colors and finishes, and can easily be customized to match your brand.

Mounts and Stands

Kiosks can be placed virtually anywhere, from a store fixture to a crowded counter top, using our range of mounts and stands.



Specifications

Screen	
LCD Panel (standard)	SVGA (800x600) 400cd/m² brightness 700:1 contrast ratio 80° viewing angle LED backlight 50,000 Hours
Touch Screen (Standard)	Four-wire resistive
Touch Screen (Optional)	Projected capacitance
Connectivity	
3G	CDMA with integral antenna
WIFI	802.11 a/b/g/n
USB	1 x USB 2.0 @ 1.0A or 2 x USB 2.0 @ 2.0A
Serial	1 x Serial RS-232 with 12v supply line 1 x Serial RS-232
Ethernet	1 x 10/100/1000 Mbps/s
Digital IO	8 x 1bit programmable IO lines
Hardware	
Processor	Intel® Atom™ N450 processor. 1.67 GHz clock frequency
Graphics	ICH8M Chipset with graphics acceleration and hardware MPEG2 decoder
Thermal Design	Fanless, processor, graphics and IO thermally coupled to chassis
Watchdog	Programmable 1-255 sec/min
Real time clock	On board with UL rated battery backup
Storage	Type II Compact Flash 4, 8, 16, 32 GB available
System Memory	1GB DDRII SODIMM, 2GB available
Speakers	Stereo internal, 3W per channel
Headphones	3.5 mm external jack
Expansion	Two Mini-PCI Express expansion slots
Power Consumption	17 Watts typical (no optional peripherals)
Mounting	VESA 75/100 mm hole pattern
Dimensions (W x H x D)	13.0" x 13.0" x 2.3" (33.0 cm x 33.0 cm x 5.8 cm)
Weight	5.5 pounds (2.49 Kg) (no optional peripherals)
Temperature	0°C to 70°C
Humidity	85% non-condensing
Software	
Operating System Options	Windows® Embedded Standard, Microsoft® Embedded Compact (CE 6.0), Linux (Ubuntu, Fedora),
Approvals	
Electrical	UL Listing Available
Emissions	FCC, CE
RoHS	Compliant



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Key Features & Benefits

Screen

- Available in 10.4" screen size
- Landscape or portrait
- SVGA (800x600) or XGA (1024x768) screen resolutions
- High brightness 400 Nit LCD panel with LED backlight
- Tough resistive or projected capacitive touchscreen
- Available in a variety of colors and finishes, to match your brand
- Small form factor with integral VESA mount

Performance

- State-of-the-art, fanless, 1.6 GHz Intel Atom processor with high performance graphics
- Up to 2GB of RAM and 32GB of Flash memory
- Two PCIe expansion slots
- Low power chipset with PoE (Power over Ethernet) option
- Preloaded with Windows 7 Embedded operating system

Connectivity

- 3G Wireless
- 802.11 A/B/G/N WIFI
- Three USB ports, one with high current
- Two serial ports
- 10/100/1000 Ethernet
- 8 Digital I/O lines

Quality & Reliability

- Rugged chassis based commercial unit, designed to withstand abuse
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Integrated Peripherals

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Thermal Printer

High speed 3" thermal transfer printer with paper sensor and no-jam guillotine style cutter.

Scanner, 2D or 1D

Imaging based scanner for 2D barcodes with support for scanning of QR codes on mobile phone screens. 1D Scanner for UPCs and 1D barcodes.

Card Reader

Bi-directional three track magnetic stripe reader with HID interface and encrypted head for secure implementations.

Camera

High resolution camera with a wide range of glass lenses.

Near Field Communication

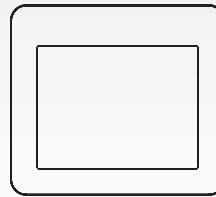
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Customization

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Mounts and Stands

Kiosks can be placed virtually anywhere, from a store fixture to a crowded counter top, using our range of mounts and stands.



Specifications

Screen	
LCD Panel (standard)	SVGA (800x600) 400cd/m ² brightness 700:1 contrast ratio 80° viewing angle LED backlight 50,000 Hours
LCD Panel (Optional)	XGA (1024x768) 500cd/m ² brightness 1200:1 contrast ratio 88° viewing angle LED backlight 50,000 Hours
Touch Screen (Standard)	Four-wire resistive
Touch Screen (Optional)	Projected capacitance
Connectivity	
3G	CDMA with integral antenna
WIFI	802.11 a/b/g/n
USB	1 x USB 2.0 @ 1.0A or 2 x USB 2.0 @ 2.0A
Serial	1 x Serial RS-232 with 12v supply line 1 x Serial RS-232
Ethernet	1 x 10/100/1000 Mbps/s
Digital IO	8 x 1bit programmable IO lines
Hardware	
Processor	Intel® Atom™ N450 processor. 1.67 GHz clock frequency
Graphics	ICH8M Chipset with graphics acceleration and hardware MPEG2 decoder
Thermal Design	Fanless, processor, graphics and IO thermally coupled to chassis
Watchdog	Programmable 1-255 sec/min
Real time clock	On board with UL rated battery backup
Storage	Type II Compact Flash 4, 8, 16, 32 GB available
System Memory	1GB DDRII SODIMM, 2GB available
Speakers	Stereo internal, 3W per channel
Headphones	3.5 mm external jack
Expansion	Two Mini-PCI Express expansion slots
Power Consumption	17 Watts typical (no optional peripherals)
Mounting	VESA 75/100 mm hole pattern
Dimensions (W x H x D)	Landscape: 11.5" x 10.3" x 1.9" (29.2 cm x 26.0 cm x 4.9 cm) Portrait: 11.5" x 10.3" x 1.9" (29.2 cm x 26.0 cm x 4.9 cm)
Weight	5.5 pounds (2.49 Kg) (no optional peripherals)
Temperature	0°C to 70°C
Humidity	85% non-condensing
Software	
Operating System Options	Windows® Embedded Standard, Microsoft® Embedded Compact (CE 6.0), Linux (Ubuntu, Fedora),
Approvals	
Electrical	UL Listing Available
Emissions	FCC, CE
RoHS	Compliant



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Key Features & Benefits

Screen

- 15" kiosk with XGA (1024x768)
- High brightness 350 Nit LCD panel with LED backlight
- Tough resistive or projected capacitive touchscreen
- Available in a variety of colors and finishes, to match your brand
- Small form factor with integral VESA mount

Performance

- State-of-the-art, fanless, 1.6 GHz Intel Atom processor with high performance graphics
- Up to 2GB of RAM and 32GB of Flash memory
- Two PCIe expansion slots
- Low power chipset with PoE (Power over Ethernet) option
- Preloaded with Windows 7 Embedded operating system

Connectivity

- 3G Wireless
- 802.11 A/B/G/N WIFI
- Three USB ports, one with high current
- Two serial ports
- 10/100/1000 Ethernet
- 8 Digital I/O lines

Quality & Reliability

- Rugged chassis based commercial unit, designed to withstand abuse
- Fanless long lifetime design, using industrial grade components
- Reliable solid state storage
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- 2 Year Warranty

Integrated Peripherals

RedDotNet kiosks are designed for tight spaces, and can be fitted with a wide range of fully integrated peripherals. The unique all-in-one design is truly integrated, resulting in a very compact unit with no external wires.

Thermal Printer

High speed 3" thermal transfer printer with paper sensor and no-jam guillotine style cutter.

Scanner, 2D or 1D

Imaging based scanner for 2D barcodes with support for scanning of QR codes on mobile phone screens. 1D Scanner for UPCs and 1D barcodes.

Card Reader

Bi-directional three track magnetic stripe reader with HID interface and encrypted head for secure implementations.

Camera

High resolution camera with a wide range of glass lenses.

Near Field Communication

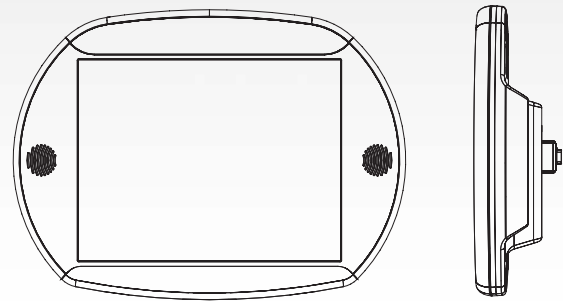
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Customization

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Mounts and Stands

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Specifications

Screen	
LCD Panel (standard)	XGA (1024x768) 350cd/m² brightness 700:1 contrast ratio 88° viewing angle LED backlight 50,000 Hours
Touch Screen (Standard)	Four-wire resistive
Touch Screen (Optional)	Projected capacitance
Connectivity	
3G	CDMA with integral antenna
WIFI	802.11 a/b/g/n
USB	1 x USB 2.0 @ 1.0A or 2 x USB 2.0 @ 2.0A
Serial	1 x Serial RS-232 with 12v supply line 1 x Serial RS-232
Ethernet	1 x 10/100/1000 Mbps/s
Digital IO	8 x 1bit programmable IO lines
Hardware	
Processor	Intel® Atom™ N450 processor. 1.67 GHz clock frequency
Graphics	ICH8M Chipset with graphics acceleration and hardware MPEG2 decoder
Thermal Design	Fanless, processor, graphics and IO thermally coupled to chassis
Watchdog	Programmable 1-255 sec/min
Real time clock	On board with UL rated battery backup
Storage	Type II Compact Flash 4, 8, 16, 32 GB available
System Memory	1GB DDRII SODIMM, 2GB available
Speakers	Stereo internal, 3W per channel
Headphones	3.5 mm external jack
Expansion	Two Mini-PCI Express expansion slots
Power Consumption	17 Watts typical (no optional peripherals)
Mounting	VESA 75/100 mm hole pattern
Dimensions (W x H x D)	18.0" x 13.0" x 10.0" (45.7 cm x 33.0 cm x 25.4 cm)
Weight	5.5 pounds (2.49 Kg) (no optional peripherals)
Temperature	0°C to 70°C
Humidity	85% non-condensing
Software	
Operating System Options	Windows® Embedded Standard, Microsoft® Embedded Compact (CE 6.0), Linux (Ubuntu, Fedora),
Approvals	
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Key Features & Benefits

Screen

- 6.5" kiosk with VGA Screen (640 x 480)
- High brightness 400 Nit LCD panel with LED backlight
- Tough resistive touchscreen
- Available in a variety of colors and finishes, to match your brand
- Small form factor with integral VESA mount

Performance

- State-of-the-art, fanless, 1.6 GHz Intel Atom processor with high performance graphics
- Up to 2GB of RAM and 32GB of Flash memory
- Two PCIe expansion slots
- Low power chipset with PoE (Power over Ethernet) option
- Preloaded with Windows 7 Embedded operating system

Connectivity

- 3G Wireless
- 802.11 A/B/G/N WIFI
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High speed 3" thermal transfer printer with paper sensor and no-jam guillotine style cutter.

Scanner, 2D or 1D

Imaging based scanner for 2D barcodes with support for scanning of QR codes on mobile phone screens. 1D Scanner for UPCs and 1D barcodes.

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Camera

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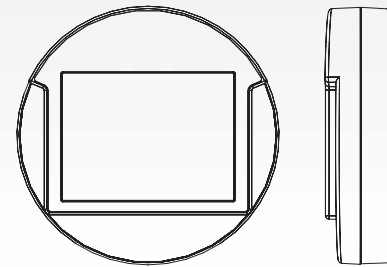
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Specifications

Screen	
LCD Panel (standard)	VGA (640x480) 400cd/m² brightness 600:1 contrast ratio 80° viewing angle LED backlight 50,000 Hours
Touch Screen (Standard)	Four-wire resistive
Connectivity	
3G	CDMA with integral antenna
WIFI	802.11 a/b/g/n
USB	1 x USB 2.0 @ 1.0A or 2 x USB 2.0 @ 2.0A
Serial	1 x Serial RS-232 with 12v supply line 1 x Serial RS-232
Ethernet	1 x 10/100/1000 Mbps/s
Digital IO	8 x 1bit programmable IO lines
Hardware	
Processor	Intel® Atom™ N450 processor. 1.67 GHz clock frequency
Graphics	ICH8M Chipset with graphics acceleration and hardware MPEG2 decoder
Thermal Design	Fanless, processor, graphics and IO thermally coupled to chassis
Watchdog	Programmable 1-255 sec/min
Real time clock	On board with UL rated battery backup
Storage	Type II Compact Flash 4, 8, 16, 32 GB available
System Memory	1GB DDRII SODIMM, 2GB available
Speakers	Stereo internal, 3W per channel
Headphones	3.5 mm external jack
Expansion	Two Mini-PCI Express expansion slots
Power Consumption	17 Watts typical (no optional peripherals)
Mounting	VESA 75/100 mm hole pattern
Dimensions (W x H x D)	9.5" x 9.5" x 2.3" (24.1 cm x 24.1 cm x 5.8 cm)
Weight	5.5 pounds (2.49 Kg) (no optional peripherals)
Temperature	0°C to 70°C
Humidity	85% non-condensing
Software	
Operating System Options	Windows® Embedded Standard, Microsoft® Embedded Compact (CE 6.0), Linux (Ubuntu, Fedora),
Approvals	
Electrical	UL Listing Available
Emissions	FCC, CE
RoHS	Compliant