



KIOSK TECHNOLOGY FOR SMART CITIES

# Smart City Trends: Kiosks and Digital Signage

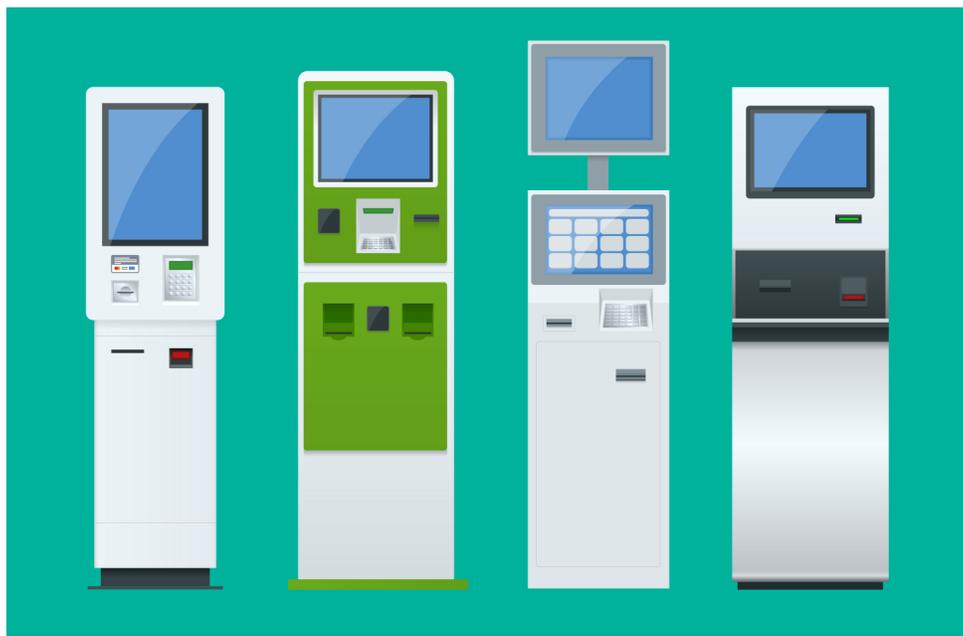


Success in growth and development of any city is dependent upon the city's ability to provide its residents with productive tools that make their lives and everyday activities easier. Smart cities in recent years have rediscovered kiosks to be effective instruments for serving the needs of their growing cities. Digital signage, the communications tool for business advertisers and public authorities, has also become smarter. It offers a more interactive experience to the city audience that helps enhance its effectiveness.

Their increasing popularity came from the following main reasons. Kiosks and digital signage don't require daily human interference for them to operate efficiently. Kiosks are standalone centers that are all computer-based and are programmed to do the tasks they are set to accomplish. Once deployed, these kiosks should require little maintenance. Many may be designed with machine-learning capabilities and become smarter and better over time.

The advancements of computer technologies in the past two decades have made kiosk and digital signage deployment become a survival necessity in a variety of industries. For the public sector, kiosks have become great and highly effective tools to deliver information and convenience to the public. Retail, banking institutions, medical and many other industries have increasingly seen the benefits of self-service kiosks that can meet and perform functions that serve different needs and purposes simultaneously. They can also be used as tools to capture user information and provide direct feedback about their usefulness to help the city and businesses improve.

Axiomtek computer solutions have helped our kiosk manufacturer customers and systems integrators deliver high quality, customized products to their customers for the past few decades. Our customization capabilities, design assistance and engineering value-added services have proven to be the key ingredients for our customers' fast, easy and successful deployments. Our products and services have been the solutions of choice for retail kiosks, casino signage, grocery store point of sales communications and more.



## INDOOR AND OUTDOOR KIOSK CONTROLLERS WITH SCALABLE CPUS

### eBOX100-321-FL – Slim, Customizable Fanless Embedded System for Indoor Kiosks



- Powered by Intel® Celeron® Processor N3350 or Pentium® Processor N4200
- Multiple I/Os with one COM, two GbE LAN, two USB 3.0, four USB 2.0 and two HDMI ports
- Expandable with two full-size PCIe Mini Card and one SIM slots
- Operating temperature range of -5°C to +60°C (+23°F to +140°F)

### eBOX560-512-FL – Ultra-Compact, High Performance Fanless Embedded System for Outdoor Kiosks



- Powered by Intel® Core™ i5-7300U or Celeron® 3965U Processors
- Multiple I/Os with two COM, two GbE LAN, four USB 3.0 and two HDMI ports with 4K support
- Expandable with one full-size PCIe Mini Card slot
- Operating temperature range of -10°C to +50°C (+14°F to +122°F)

## FEATURE-RICH PRODUCTS FOR KIOSK USE

### ICO300-83B – Robust, Highly Reliable IoT Gateway for Kiosks



- Powered by Intel® Celeron® Processor N3350 or Pentium® Processor N4200
- Multiple I/Os with two GbE LAN, up to four COM and four USB 3.0 ports
- Expandable with two PCIe Mini Card slots and one SIM Card socket
- Operating temperature range of -20°C to +70°C (-4°F to +158°F) or -40°C to +70°C (-40°F to 158°F) optional

## OPS500-501 – High Performance Digital Signage Player



- Easy to deploy Open Pluggable Specification Digital Signage Player
- Powered by 7th/6th Generation Intel® Core™ i7/i5/i3 or Celeron® processors
- One DDR4-2133 SO-DIMM for up to 16GB of system memory
- Expandable with one PCIe Mini Card slot
- One HDMI output for a second ultra HD display with 4k resolution

## ROBUST IP65-RATED TOUCH PANEL PC AND DISPLAY

### GOT5120T-845 – Customizable 12.1-Inch Fanless Touch Panel Computer



- XGA/SVA TFT LCD display with LED backlight
- Powered by Intel® Celeron® Processor N3060
- Multiple I/Os with two GbE LAN, two COM, two USB 2.0 and two USB 3.0 ports and optional speakers
- Expandable with two PCIe Mini Card slots

### P6157W-V2 – Rugged 15.6-Inch Widescreen Industrial LCD Monitor



- WXGA TFT display with 300 nits of brightness
- Optional multi-touch projective capacitive screen
- Triple display capability with VGA, HDMI and DVI input
- Operating temperature range of 0°C to +50°C (+32°F to +131°F)