

## ELEMENT<sup>MP</sup> SERIES



### THE EASIEST OUT-OF-BOX EXPERIENCE IN THE DIGITAL SIGNAGE INDUSTRY

The Element<sup>MP</sup> Series is digital signage solution made **Simple, Reliable and Scalable**. Combined with Seneca's Maestro application, the Element<sup>MP</sup> Series provides a simple solution that is optimized as a true digital signage appliance. The Element<sup>MP</sup> Series is a modular designed media player that provides flexible configuration options to accommodate a broad range of performance, environmental and content requirements.

- **Simple:** Easy setup out of the box with Maestro and pre-integrated with our CMS partners
- **Reliable:** Rigorous real-world testing with CMS applications to guarantee maximum uptime
- **Scalable:** Broad range of solutions to fit just about any application and installation

### THE SENECA DIFFERENCE



Implementing your Element<sup>MP</sup> has never been easier. Driven by Seneca's proprietary Maestro application, performance tunings, system optimizations and software installation are executed in minutes, not hours, with just a few clicks through our navigation wizard, all achieved without the need for internet access. When it comes time to connect, Element<sup>MP</sup> has dual NICs, Wi-Fi and 4G options, ensuring that wherever your project is, connectivity is possible. With the added convenience of our tool-less VESA mount, installing the Element<sup>MP</sup> is quick and simple.



While installed in the field, maintaining visibility on the health of your device and its performance is a must, and to ensure maximum uptime, all Element<sup>MP</sup> devices are compatible with the Seneca xConnect Guardian remote management platforms out-of-box – and backed by our industry-leading warranty, supported by our world-class team of visual media experts and pre-integrated with our SBAR recovery system.

### KEY BENEFITS

- Designed and optimized for digital signage
- Scalable for entry-level to enterprise applications
- Flexible configuration options available
- Unparalleled system performance

### KEY FEATURES

- Active and passive cooling options
- Multiple processor tiers to accommodate content types
- Tool-less Vesa mount
- Internal and external power supply
- Wide temperature component options
- GPIO header

## THE COMPARISON

Based on a modular design, the Element<sup>MP</sup> offers two main form-factors, coming in both an actively cooled chassis as well as a fanless, passively-cooled version. Moreover, both platforms offer the option for a standard external power supply (or brick), or an internal power-supply (cable only) for installations where there's just not enough room for an external PSU.



### AVAILABLE FEATURES:

- Active or fanless cooling options
- Internal or external power supply
- Multiple processor tiers to accommodate content types
- Wide temperature components

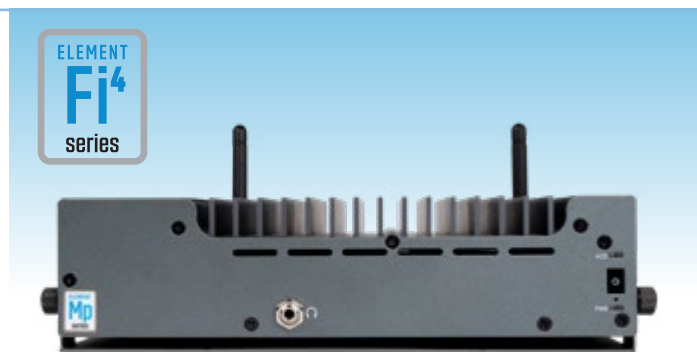
### Also included:

- Multiple processor tiers to accommodate content types
- Tool-less Vesa mount
- GPIO header
- Dual NIC
- RS-232
- Wi-Fi and 4G connectivity
- Long lifecycle components
- Windows and Linux OS options
- Validated for optimal performance with leading CMS
- Powered by Intel processor technology

### Element AI – Active Internal power



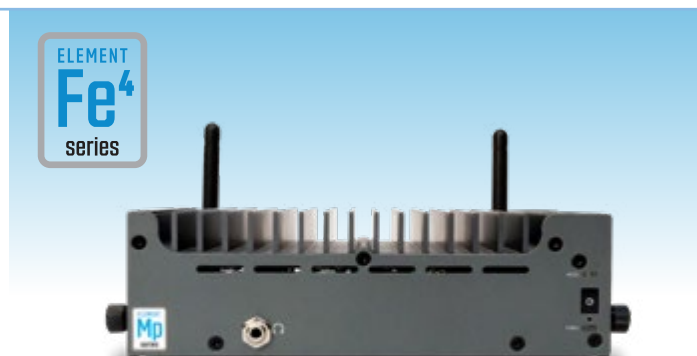
### Element FI – Fanless Internal power



### Element AE – Active External power



### Element FE – Fanless External power



## CASE STUDIES

From entry-level to enterprise applications, experience first-hand the world's most innovative edge device, the Seneca Element<sup>MP</sup>. It's a platform so dynamic, so versatile, that we had a hard time pointing to just one ideal use case. Whether utilized as a media player, delivering 8K content at the edge; an IOT device, interfacing with smart sensors; or as an edge gateway, aggregating field data to push to the cloud, the Element<sup>MP</sup> offers unparalleled performance.



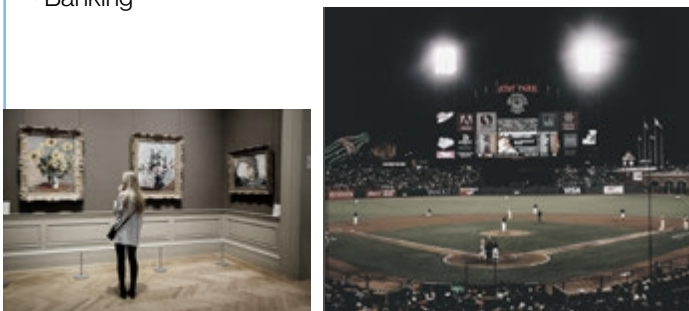
### ELEMENT<sup>MP</sup>



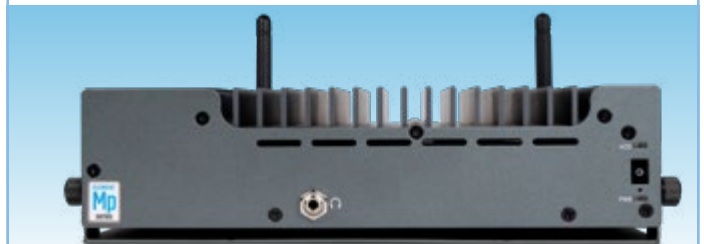
Element<sup>MP</sup> Series fanned model solutions have a broad range of digital signage applications as the market continues to evolve. The digital signage applications have grown in retail, sports venues, banking, museums, education, and hospitality to name a few.

The Element<sup>MP</sup> media players continue our evolution into the latest technology that Seneca solutions are known to provide with market-leading technology and performance.

- Sports venues
- Museums
- Banking



### ELEMENT<sup>MP</sup> FANLESS



Element<sup>MP</sup> Fanless solutions are extremely important for projects that require a higher tolerance for heat, dust, dirt, grime and other harsh conditions that may impact the performance and/or health of the media player. These fanless solutions perform well in rugged environments, harsh conditions, high temperatures and other situations where a solid-state solution is the better option.

- Quick serve restaurants
- Outdoor displays
- Digital billboards



## ELEMENT<sup>MP</sup> SERIES SPECIFICATIONS



	ELEMENT <sup>MP</sup>	ELEMENT <sup>MP</sup> FANLESS
<b>Processor</b>	Core i3-1115G4, Core i5 1135G7 or Core i7 1165G7 *Pentium and Celeron (Coming in Q4 2021)	Core i3-1115G4 or Core i5 1135G7 *Pentium and Celeron (Coming in Q4 2021)
<b>Memory</b>	4GB to 32GB	4GB to 32GB
<b>Storage - Std and LTE - Capture</b>	1x M.2 SATA or NVMe SSD 250GB-2TB 1x mSATA 250GB	1x M.2 SATA or NVMe SSD 250GB-2TB N/A
<b>Graphics</b>	4x HDMI 2.0 Ports Core i3-1115G4 - Intel® UHD Graphics for 11th Gen Intel® Processors Core i5 1135G7 - Intel® Iris® Xe Graphics Core i7 1165G7 - Intel® Iris® Xe Graphics	4x HDMI 2.0 Ports Core i3-1115G4 - Intel® UHD Graphics for 11th Gen Intel® Processors Core i5 1135G7 - Intel® Iris® Xe Graphics Core i7 1165G7 - Intel® Iris® Xe Graphics
<b>Communication</b>	2x GbE LAN Ports Intel 9260 Wifi/BT Adapter (Optional)	2x GbE LAN Ports Intel 9260 Wifi/BT Adapter (Optional)
<b>Capture</b>	M.2 EcoCapture - *No LTE	N/A
<b>LTE</b>	MiniPCle - LTE Card - *No Capture	MiniPCle - LTE Card - *No Capture
<b>Audio</b>	Realtek® ALC269	Realtek® ALC269
<b>Front I/O</b>	1x 3.5in Audio Jack (Via Internal Motherboard Header) *Optional* 1x HDMI 2.0 Input (When Selecting HDMI Capture Option)	1x 3.5in Audio Jack (Via Internal Motherboard Header) N/A
<b>Rear I/O</b>	4x HDMI 2.0 2x RJ45 LAN Ports 4x USB 3.1 Gen2 1x DC Plug (External Power Chassis Only) *Optional 2x Antennas for Wi-Fi *Optional 1x 8-pin GPIO	4x HDMI 2.0 2x RJ45 LAN Ports 4x USB 3.1 Gen2 1x DC Plug (External Power Chassis Only) *Optional 2x Antennas for WiFi
<b>Side I/O</b>	*Optional Dual Antenna for Cellular	*Optional Dual Antenna for Cellular
<b>Power Delivery</b>	Internal Power Version - 50w Internal Power Supply External Power Version - 60w AC Adapter	Internal Power Version - 50w Internal Power Supply External Power Version - 60w AC Adapter
<b>Cooling</b>	Actively Cooled Chassis - Fansink + Additional Fan	Fanless Chassis - Heatspreader + Heatsink Enclosure
<b>Dimensions</b>	External Power LxWxH - 170mm x 108.4mm x 44.5mm (VESA mount 50.4mm) Internal Power LxWxH - 210.5 x 108.4mm x 44.5mm (VESA mount 50.4mm)	External Power LxWxH - 170mm x 108.4mm x 50.8mm (VESA mount 56.8mm) Internal Power LxWxH - 210.5 x 108.4mm x 50.58mm (VESA mount 56.8mm)
<b>Weight</b>	4 lbs. / 1.8 kgs	4 lbs. / 1.8 kgs