

Glossary

- Render Engine – Intel NUC that renders the video that is sent to the players
- Player – Android screen^[1] or external media player installed to the screen

System Requirements Shoppa Digital Signage

All digital signage units must be installed in a common subnet with the following characteristics:

- DHCP is available
- DHCP assigns at least one DNS server
- UDP Broadcast is available

- In addition to this, the Render Engine must have access to the internet at the following combination of IP-addresses and ports for outbound traffic:
 - 5.178.78.226
 - TCP 6911
 - 5.178.78.227, 217.119.170.56/29
 - TCP 12322
 - 5.178.78.232
 - TCP 80,443
 - UDP 123
 - UDP 53
 - TCP 5938
 - UDP 5938

Network Load

The amount of data that the Render Engine retrieves from the internet varies with the number of slides to be displayed.

A rule of thumb is 2 MB per product shown.

Additional screens showing the same material does not demand an increase in network connection bandwidth.

^[1] Shoppa Player supports screens with Android 4.4.4