

## Comparison / Differences between the SDS1000X and SDS1000X-E oscilloscope families

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The short list of differences between the X and the 2 channel XE (SDSs1202XE) is as follows:

- X has 50 ohm/ 1 MOhm selectable input impedance. XE only has 1 MOhm fixed. You will need a 50 ohm matching through adapter if you wish to connect to 50 Ohm circuits/minimize reflections.
- The X has a slightly larger display (8") vs. the XE (7")
- The XE has a faster digital platform with 1 Mpt FFT capability. The X has 16,384 pt depth for the FFT.

In addition, the SDS1xx4X-E scopes have additional differences:

- Onboard webpage control (standard)
- Bode Plot (standard.. requires SIGLENT SDG or SAG1021)
- External waveform/function generator (SAG1021 and SDS1000X-E-FG license Optional)
- WiFi control (TL-WN725N and SDS1000X-E-WiFi license Optional)



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