

Overview of fast 8, 12 and 16 bit digitizers

12 Bit Digitizer / Oszilloscope for PCI Express Bus (3 GS/s to 6 GS/s Sampling rate)

12 Bit Digitizer (6 GS/s)

1 Channel: [CSE 126G1](#)



Resolution: 12 Bit
Input channels: 1

Sampling rate per channel: 6 GS/s

Bandwidth: to 2 GHz

Bus: PCI Express x8 (8 Lane) Gen-3

Transfer speed: +4 GB/s

Memory depth: 4 GS (up to 8GS optional)

12 Bit Digitizer (3 GS/s)

2 Channel: [CompuScope Express123G2](#)



Resolution: 12 Bit
Input channels: 2

Sampling rate per channel: 3 GS/s

Bandwidth: to 2 GHz

Bus: PCI Express x8 (8 Lane) Gen-2

Transfer speed: 3,1 GB/s

Memory depth: 4 GS (to 8GS opt.)

8 Bit Digitizer / Oszilloscope for PCI Express Bus (2 GS/s to 4 GS/s Sampling rate)

8 Bit Digitizer (4 GS/s)

1 Channel: [CompuScope Express 14G8](#)

8 Bit Digitizer (1x4 GS/s od. 2x2 GS/s)

2 Channel: [CompuScope Express 24G8](#)

8 Bit Digitizer (1x2 GS/s od. 2x1 GS/s)

2 Channel: [CompuScope Express 22G8](#)



Resolution: 8 Bit
Input channels: 1

Sampling rate per channel: 4 GS/s

Bandwidth: 1,5 GHz

Bus: PCI Express x8 (8 Lane) Gen-2

Transfer speed: 3,1 GB/s

Memory depth: 4GS (to 16GS optional)



Resolution: 8 Bit
Input channels: 1 or 2

Sampling rate per channel: 1x4 or 2x2 GS/s

Bandwidth: 1,5 GHz

Bus: PCI Express x8 (8 Lane) Gen-2

Transfer speed: 3,1 GB/s

Memory depth: 4 GS (up to 16 GS opt.)



Resolution: 8 Bit
Input channels: 1 oder 2

Sampling rate per channel: 1x2 od. 2xGS/s

Bandwidth: 1,5 GHz

Bus: PCI Express x8 (8 Lane) Gen-2

Transfer speed: 3,1 GB/s

Memory depth: 4GS (to 16 GS opt.)

16 Bit Digitizer / Oszilloscope for PCI Express Bus (500 MS/s to 1 GS/s Sampling rate)

16 Bit Digitizer (1 GS/s)

2 Channel: [CSE 161G2](#)

4 Channel: [CSE 161G4](#)

16 Bit Digitizer (500MS/s)

2 Channel: [CompuScope Express 16502](#)

4 Channel: [CompuScope Express16504](#)



Resolution: 16 Bit

Input channels: 2 oder 4



Resolution: 16 Bit
Input channels: 2 oder 4

Sampling rate per channel: 500 MS/s

Sampling rate per channel: 1 GS/s **Bandwidth:** 350 MHz

Bandwidth: 700 MHz

Bus:PCI Express x8 (8 Lane) Gen-3

Bus: PCI Express x8 (8 Lane)
Gen-3

Transfer speed: +4 GB/s

Memory depth: 4 GS

Transfer speed: +4 GB/s

Memory depth: 4 GS

8 Bit Digitizer / Oszilloscope for PCI Express Bus (500 MS/s Sampling rate)

8 Bit Digitizer (2 x 500 MS/s)

2 Channel: [CompuScope Express 21G8](#)



Resolution: 8 Bit

Input channels: 1 or 2
(switchable)

Sampling p.channel: 1x2
od.2xGS/s

Bandwidth: 1,5 GHz

Bus: PCI Express x8 (8 Lane)
Gen-2

Transfer speed: 3,1 GB/s

Memory depth: 4 GS (to 16GS
option)



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If you have questions please don't hesitate to contact us any time.

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