

# Overview of Digitizers with high channel density (8 channels)

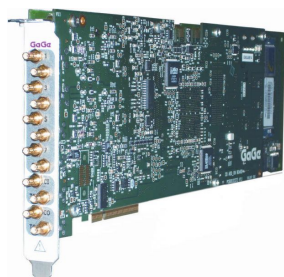
**16 Bit Digitizer / Oscilloscope for PCIe Bus (depending of model with 2, 4 or 8 ch. available)**

## **16 Bit Digitizer (25MS/s)**

2 Channel: [CompuScope Express 8422](#)

4 Channel: [CompuScope Express 8442](#)

8 Channel: [CompuScope Express 8482](#)



**Resolution: 16 Bit**

**Input channels: 2, 4 or 8**

**Sampling rate per channel: 25 MS/s**

**Bandwidth: 65 MHz**

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

**Transfer speed: 3,1 GB/s**

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

**14 Bit Digitizer / Oscilloscope for PCIe Bus (depending of model with 2, 4 or 8 ch. available))**

**14 Bit Digitizer (125MS/s)**

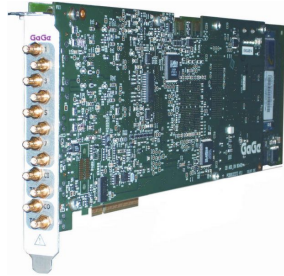
**14 Bit Digitizer (100MS/s)**

**14 Bit Digitizer (65MS/s)**

2 Channel: [CompuScope Express 8329](#)

4 Channel: [CompuScope Express 8349](#)

8 Channel: [CompuScope Express 8389](#)



**Resolution: 14 Bit**  
**Input channels: 2, 4 or 8**

**Abtastrate pro Kanal: 125 MS/s**

**Bandwidth: 125 MHz**

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

**Transfer speed:** 3,1 GB/s

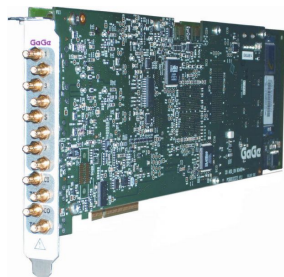
**Memory depth:** 4 GB (up to 8GS optional)

**14 Bit Digitizer (25MS/s)**

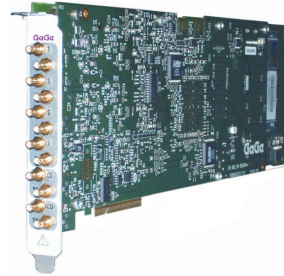
2 Channel: [CompuScope Express 8322](#)

4 Channel: [CompuScope Express 8342](#)

8 Channel: [CompuScope Express 8382](#)



8 Channel: [CompuScope Express 8387](#)



**Resolution: 14 Bit**  
**Input channels: 8**

**Abtastrate pro Kanal: 100 MS/s**

**Bandwidth: 65 MHz**

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

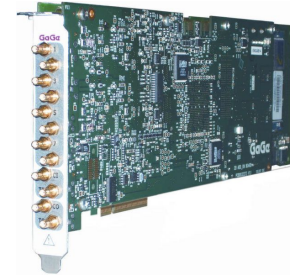
**Transfer speed:** 3,1 GB/s

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

2 Channel: [CompuScope Express 8325](#)

4 Channel: [CompuScope Express 8345](#)

8 Channel: [CompuScope Express 8385](#)



**Resolution: 14 Bit**  
**Input channels: 2, 4 or 8**

**Abtastrate pro Kanal: 65 MS/s**

**Bandwidth: 65 MHz**

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

**Transfer speed:** 3,1 GB/s

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

**Resolution: 14 Bit**

**Input channels: 2, 4 or 8**

**Abtastrate pro Kanal: 200 MS/s**

**Bandwidth: 125 MHz**

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

**Transfer speed: 3,1 GB/s**

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

## **16 Channel 16-Bit Digitizer System Demo**



Opening the Download-Files May require the Adobe-Acrobat-Reader.

[Click here to download the Adobe-Acrobat-Reader.](#)

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

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