

# Series 61

## Flexible Automotive Multibus Controllers

### Configuration overview

Interfaces	PXI 6141	PXI 6153 PCI 6153	PXI 6161 PCI 6161	PXI 6173 PCI 6173	PXI 6181 PCI 6181	PXI 6191 PCI 6191
Automotive BUS interfaces by using CAN - IPs *	overall max. 4	overall max. 6	overall max. 3	overall max. 6	overall max. 6	overall max. 6
CAN	0	max. 6	max. 2	max. 6	max. 6	max. 6
LIN/K-Line	0	max. 4	max. 2	max. 4	max. 4	max. 4
FlexRay*	0	max. 2	0	max. 2	max. 2	max. 2
MOST 150	0	0	max. 1	0	0	0
100/1000Base-T1 Ethernet	max. 4	0	0	0	0	0
Automotive BUS **	overall max. 4	overall max. 6	overall max. 3	overall max. 6	overall max. 6	overall max. 6
CAN FD**	0	max. 4	0	max. 4	max. 4	max. 4
LIN/K-Line**	0	max. 1	max. 2	max. 1	max. 1	max. 1
FlexRay*	0	max. 2	0	max. 2	max. 2	max. 2
MOST150	0	0	max. 1	0	0	0
100/1000Base-T1 Ethernet	max. 4	0	0	0	0	0
I/O extension board 1						
Digital I/O / Analog I/O	0	max. 8/4	0	max. 8/4	max. 8/4	max. 8/4
I/O extension board 2						
Digital I/O / Analog I/O	0	max. 8/6	0	max. 8/6	max. 8/6	max. 8/6

\* each FlexRay interface supports channel A and B  
 \*\* overall maximal four CAN FD / LIN / K-Line interfaces

