

# Feature Matrix

## CANalyzer/DENalyzer 7.1 and CANoe/DENoe 7.1

Feature	CANalyzer and DENalyzer <sup>1</sup>			CANoe and DENoe <sup>1</sup>		
	junior	fun	pro	pex	run	full
<b>General<sup>2</sup></b>						
CAN channels	1	32	32	32r	32	32
LIN channels	1	32	32	32r	32	32
MOST channels	-	16	16	16r	16	16
FlexRay channels (clusters)	-	-	32	32r	32	32
J1587 channels	1	4	4	4r	4	4
DBC databases (CAN)	1	n	n	nr	n	n
LDF databases (LIN)	1	n	n	nr	n	n
XML databases (MOST)	-	n	n	nr	n	n
FIBEX databases (FlexRay)	-	-	n	nr	n	n
CANdb++ Editor	✓	✓	✓	✓ <sub>r</sub>	✓ <sub>r</sub>	✓
LIN File Editor (LDF, NCF)	-	-	-	-	-	✓
LIN File Editor Light (LDF, NCF)	✓	✓	✓	✓	✓	-
LIN Schedule Designer	-	-	-	-	-	✓
LIN Network Viewer	✓	✓	✓	✓	✓	✓
FIBEX Explorer pro (FlexRay)	-	-	-	-	-	✓
FIBEX Explorer View (FlexRay)	-	-	✓	-	-	-
<b>Analysis and Stimulation</b>						
Configurable Measurement Setup	-	✓	✓	-	✓	✓
Measurement Setup Import	✓	✓	✓	-	✓	✓
Trace Window (Detail, Difference and Statistic Views)	1	n	n	-	n	n
Bus Statistic Window	✓	✓	✓	✓	✓	✓
Statistic Window	-	✓	✓	-	✓	✓
Statistic Protocol (CAN) <sup>2</sup>	-	✓	✓	-	✓	✓
Trigger Block	-	n	n	-	n	n
Data Window	1	n	n	-	n	n
Grafic Window	-	n	n	-	n	n



For special types of use at OEMs and suppliers CANoe is available in the following variants

- > **CANoe:** With full range of functional features.
- > **CANoe run:** As runtime version with unchangeable simulations, full analysis functions and simple connection and disconnection of network nodes. This variant is intended for users who need a quick and easy way to test their ECU in its interplay with a predefined remaining bus simulation.
- > **CANoe pex:** As Panel Execution version with an exclusively graphical user interface. Test cases and results are controlled and presented as simply as possible without requiring special evaluation of the underlying messages.

Feature	CANalyzer and DENalyzer <sup>1</sup>			CANoe and DENoe <sup>1</sup>		
	junior	fun	pro	pex	run	full
<b>Simulation and Modeling</b>						
Environment Variable definition	-	-	-	-	-	✓
Environment Variable access	-	-	-	✓	✓	✓
System Variable	-	-	-	✓ <sub>r</sub>	✓ <sub>r</sub>	✓
Simulation Setup	-	-	-	✓ <sub>r</sub>	✓ <sub>r</sub>	✓
Model design and generation	-	-	-	-	-	✓
Model execution	-	-	-	✓	✓	✓
Modeling libraries (transport protocol, interaction layer, network management)	-	-	-	✓ <sub>r</sub>	✓ <sub>r</sub>	✓
<b>Test</b>						
Test Setup	-	-	-	✓ <sub>r</sub>	✓ <sub>r</sub>	✓
Test Feature Set, Test Service Library	-	-	-	✓ <sub>r</sub>	✓ <sub>r</sub>	✓
XML Test Report	-	-	-	✓ <sub>r</sub>	✓ <sub>r</sub>	✓
LIN Conformance Tests (Master, Slave) <sup>2</sup>	-	-	-	✓ <sub>r</sub>	✓ <sub>r</sub>	✓
Vector VT-System Support	-	-	-	✓ <sub>r</sub>	✓ <sub>r</sub>	✓
<b>Diagnostics – Diagnostic Feature Set<sup>3</sup> (CAN, LIN, FlexRay)<sup>2</sup></b>						
Diagnostic Observer	-	-	✓	-	✓	✓
Diagnostic and Fault Memory Console <sup>4</sup>	-	-	-	-	✓ <sup>4</sup>	✓
CAPL Diagnostics	-	-	-	✓ <sub>r</sub>	✓ <sub>r</sub>	✓
KWP 2000	-	-	-	✓ <sub>r</sub>	✓ <sub>r</sub>	✓
UDS	-	-	-	✓ <sub>r</sub>	✓ <sub>r</sub>	✓
OBD II Tester (CAN) <sup>2</sup>	-	-	-	-	-	✓
CANdelaStudio View	-	-	✓	-	✓	✓

