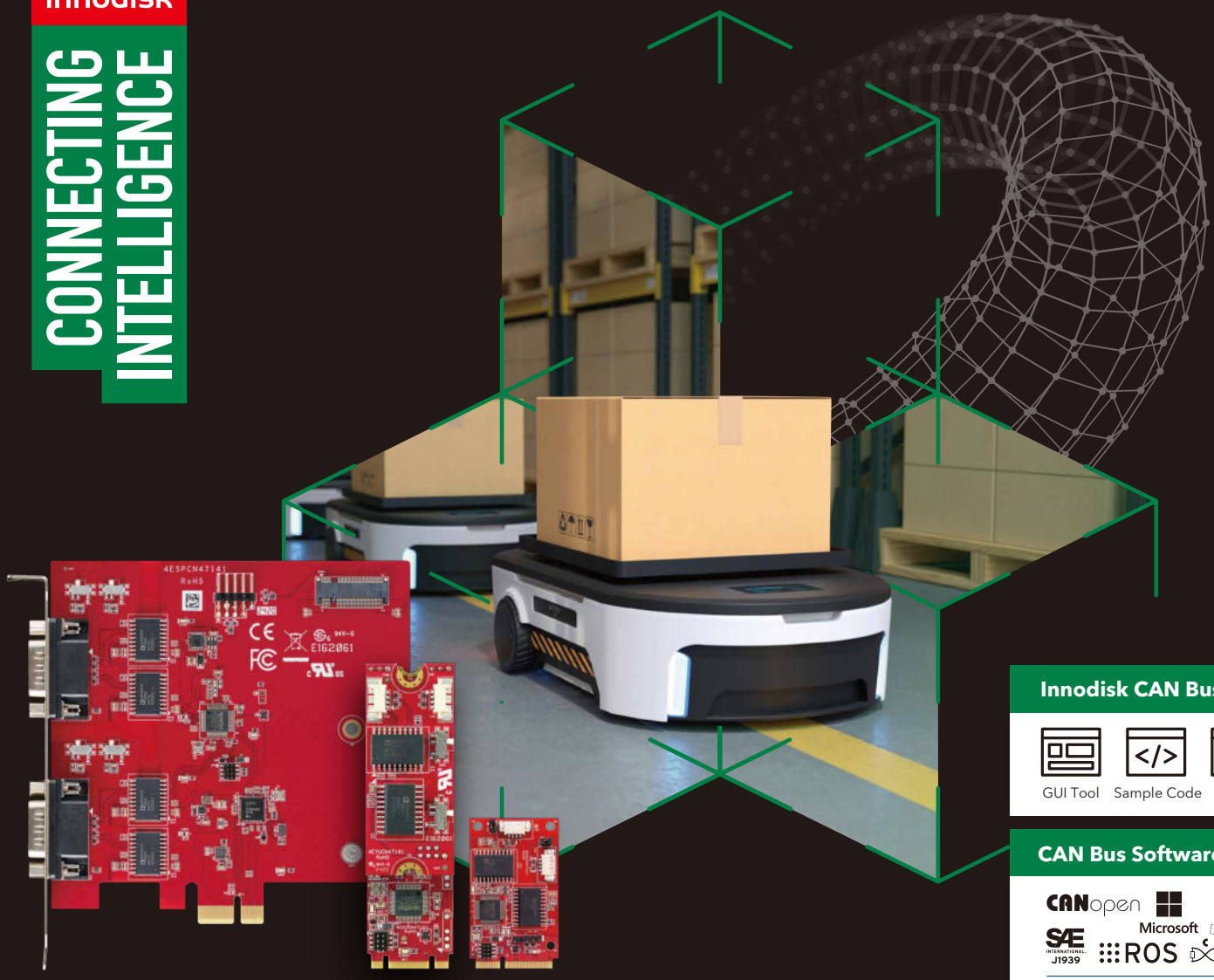
innodisk

CONNECTING INTELLIGENCE



Innodisk CAN Bus SDK

GUI Tool | Sample Code | Driver

CAN Bus Software Tool

CANopen | Microsoft | SAE J1939 | ROS | CAN | C | C++ | C# | python

ELEVATE EMBEDDED COMMUNICATION

EXPLORE THE CAN BUS SERIES

Innodisk's CAN Bus series combines the advantages of CAN 2.0 and CAN FD, effectively meeting industrial communication needs. CAN 2.0 supports J1939 and CANopen protocols, providing a stable solution for standard communication, while CAN FD offers high-speed transmission and enhanced data processing to accelerate the development of emerging applications. The entire product line features 2.5kV voltage isolation protection, operates within industrial-grade temperature ranging from -40°C to 85°C, and includes Linux SocketCAN drivers, simplifying system integration and enhancing performance reliability.

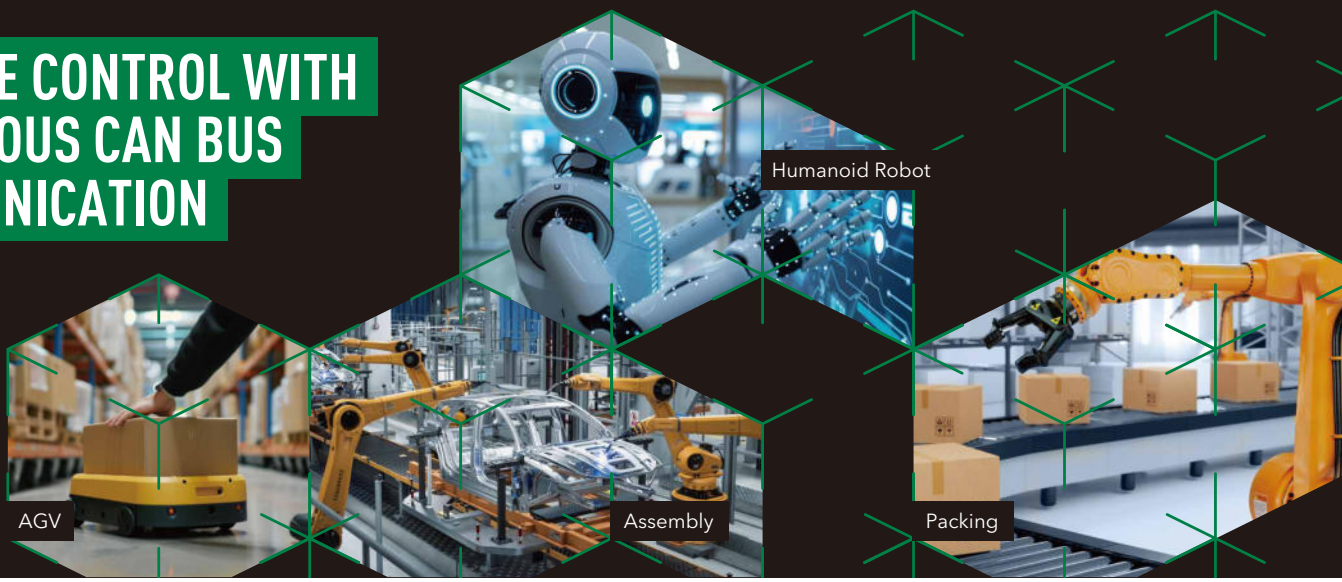
VERSATILE CONNECTIVITY

ROBUST RELIABILITY

ADVANCED PROTOCOL SUPPORT

EFFORTLESS INTEGRATION

PRECISE CONTROL WITH NUMEROUS CAN BUS COMMUNICATION



INNODISK'S CAN BUS SERIES

Series	**EGPC** (M.2 to PCIe CAN) **EGUC** (M.2 to USB CAN)	**EMUC** (mPCIe to USB CAN) **EMPC** (mPCIe to PCIe CAN)	**ESPC** (PCIe to PCIe CAN)	**FARO** (mPCIe / M.2 to USB CAN) **GADN** (mPCIe / M.2 to USB & GNSS CAN)
Form Factor	M.2 2242 / 2260 / 2280	mPCIe	PCIe	M.2 2280, mPCIe
Isolation (2.5kV)	✓	✓	✓	
GNSS				✓
Output CAN	1 / 2 / 4	2	2 / 4 / 6 / 8	2
CAN FD	✓	✓	✓	✓
High Layer Protocol	J1939 / CANopen	J1939 / CANopen		J1939

CAN 2.0B MODEL RECOMMENDED MATRIX

Market	Automated Guided Vehicle (AGV) Autonomous Mobile Robot (AMR)		Industrial Robotic Green Energy (BMS)
CAN 2.0B Performance Demand (frame/per second)	< 3000	3000 ~ 6000	> 6000
CAN 2.0B Product Recommendation	EMPC-B2S1 EGPC-B4S1 EGPC-B2S1 EGPC-B1S1	EMUC-B202 EGPC-B201 FARO-HP700 FARO-FP900 GADN-FG7U0 GADN-FG7L0	EMUC-B2S3
CAN FD Product Recommendation			FARO-FD700 FARO-MD700 GADN-FD7L0 GADN-MD7L0 EMUC-F2S3 EGUC-F2S3 EGUC-F4S3 ESPC-F4S3 EGUC-F1S3 ***(Upcoming)***

HEADQUARTER
INNODISK CORPORATION