

Product Data Sheet

MX-V



Functions and interface	Host MX-5 PT	Customized
Core CPU	i.MX6 DualPlus	i.MX6 DualPlus or QuadPlus(2xCPU@852MHz to 1GHZ or 4xCPU@852MHz to 1GHZ), with or without Graphics
RAM (DDR3L)	512MB to 4GB	512MB to 4GB
Program Storage	4GB eMMC	4GB to 64GB eMMC
Internal Logging	No,(eMMC)	-
External Logging	uSD Card	With or without SDcard holder
Display Ports	DVI-I (HDMI + VGA)	Optional
Internal Display	No	-
Audio I/O	2xLine in + MIC 2xLine Out	2xLine in + MIC 2xLine Out
Audio	With or without two 3W audio amplifier	With or without two 3W audio amplifier
Camera Input	No	No

Functions and interface	MX-5 PT	Customized
Buzzer	No	No
Wi-Fi	802.11 b/g/n/ac+BT, external antenna	802.11 b/g/n/ac+BT, external antenna
Bluetooth	Yes (uses same anntena as Wi-Fi)	Yes (uses same anntena as Wi-Fi)
Modem	EG-25G VOICE, two external (diversity) antennas	With or without modem
GPS	EG25-G built in, external antenna	GPS module with dead reckoning
SIM / eSIM	One micro SIM	One micro SIM, or two micro SIM, or one eSIM plus one micro SIM, or one eSIM
Ethernet	1xGbps, 1x100Mbps	1xGbps, 1x100Mbps
USB	1xUSB OTG, 1xUSB Host	1xUSB OTG, 1xUSB Host
CAN	3xCAN	2 to 3 CAN
CANFD	-	-
FlexRay	-	-
Serial Interfaces	1 RS232 /w CTS/RTS 2 RS232 (no handshake) 1 RS485, 1 J1708	-

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Digital Out	10xSink/Source, 200mA typical	-
Digital In	8x "Analog 12 bit"	-
Analog Input	5x 32 Volt, 12 bit supports 4-20mA sensor output	-
Tachometer	1x 24V, up to 20 kHz input frequency adjustable trigger level	-
Reset Button	Yes	-
Accelerometer	1x	-
Real Time Clock	Yes, 2 weeks retention	-
Super CAP	Yes	Optional lithium cell
LED	1 Power(RG), 4 custom configured (red and green), (called FUNC, Wi-Fi,GPS,MODEM)	-
Protection	IP40 / SIM och uSD andr RESET slot	-

Functions and interface	MX-5 PT	Customized
Housing	Aluminum with black, grey or blue	Aluminum box with custom color
Ignition Signal, KL15	External input (6-32VDC)	External input (6-32VDC)
Power Button	NO, (KL15 required)	-
Power Consumption	9-32VDC typical 4W	-
Nominal Voltage	12-24V, <15W	-
Sleep function	Yes. Wake up on CAN, RS232, Tachometer, digital inputs	-
System Suspend Function	Yes. Wake up on CAN, RS232, Tachometer, digital inputs	-
Connectors Ethernet	2x RJ45	1 to 2 RJ45 connectors and/or 1 to 2 M12 connectors