

# Product Data Sheet

## Host MX-5



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**HOST** | Mobility

<b>Core CPU</b>	i.MX6 DualPlus	i.MX6 DualPlus or QuadPlus(2xCPU@852MHz to1GHZ or 4xCPU@852MHz to1GHZ), with or without Graphics
<b>RAM (DDR3L)</b>	512MB	512MB to 4GB
<b>Program Storage</b>	4GB eMMC	4GB to 64GB eMMC
<b>Internal Logging</b>	No,(eMMC)	-
<b>External Logging</b>	uSD Card	With or without SDcard holder
<b>Display Ports</b>	DVI-I (HDMI + VGA)	Optional
<b>Internal Display</b>	No	-
<b>Audio I/O</b>	2xLine in + MIC 2xLine Out	2xLine in + MIC 2xLine Out
<b>Audio</b>	With or without two 3W audio amplifier	With or without two 3W audio amplifier
<b>Camera Input</b>	No	No

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

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

**Housing**Aluminum with black,  
grey or blueAluminum box  
with custom color**Ignition Signal, KL15**External input  
(6-32VDC)External input  
(6-32VDC)**Power Button**

NO, (KL15 required)

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**Power Consumption**9-32VDC  
typical 4W

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**Nominal Voltage**

12-24V, &lt;15W

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**Sleep function**Yes.  
Wake up on CAN, RS232,  
Tachometer, digital inputs

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**System  
Suspend Function**Yes.  
Wake up on CAN, RS232,  
Tachometer, digital inputs

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**Connectors Ethernet**

2x RJ45

1 to 2  
RJ45 connectors and/or  
1 to 2 M12 connectors