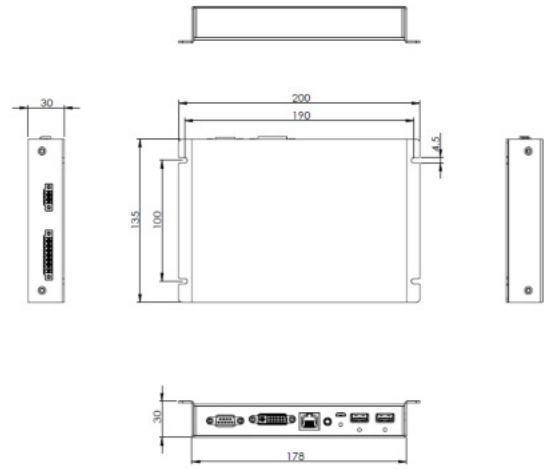
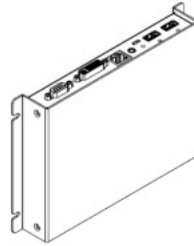


- ARM Cortex A9 CPU, Single, Dual, Quad Options
- 1 to 4G DDR3
- 1 to 4G eMMC
- Power supply car/truck ready (9-36VDC)
- Operating temperature -20°C to 70°C
- Vibration proof
- Slim profile
- Optional SATA storage
- DVI, USB x 2, RS232/485, Stereo Audio Output



Processor Specification	
CPU	IMX6 Single, Dual, Quad
Frequency	800Mhz, 1GHz
L2 Cache	Single,Dual: 512 KB / Quad: 1024 KB
Graphics	Vivante GC2000 + Vivante GC320 + Vivance GC355
Others	Full HD, IPU x 2, Security
Memory	
RAM	1 to 4G DDR3
Storage	eMMC 2GB + SATA Port + CFAST
Mechanical and Environment	
Dimmension	200 x 135 x 30 mm
Weight	0.4 Kg
Enclosure	Aluminum
Operation Temp.	-20°C to 70°C
Storage Temp.	-30°C to 85°C
Vibrations / Shock	2G 2-500Hz / 25G 6ms / EN60068-2-64 / EN60068-2-6 / EN60068-2-29
MTBF	100000 h
Certification	*CE / *e-mark (Power Supply ISO16750-2 / ISO7637-2)
Electrical	
Power Supply	12/24VDC bus/truck suitable (9-36VDC ISO-16750)
Power Consumption	7W Max.
Protection	Replaceable Fuse 2A
Input / Output	
Video	DVI-D. Optional: HDMI, LVDS
USB 2.0	1 Host, 1 x OTG
UART	1 x RS232 / 485
Ethernet	Base T 10/100M x 1 (optional 2nd interface)
DI/O	2 Input (Isolated 5-50VDC) / 2 Output (Isolated Open Collector, 100mA)
Wireless	BLE 4.0, Wifi, 4G

* Pending homologation or under request



Ordering Information

Model	CPU	RAM	eMMC	DIO	Wireless	Tropicalized	Power
MX6Q-1.00-22X-22-W0G-1N-1	IMX6 QUAD 1GHz	2G DDR3	2G	2I/2O	Wifi + 4G	No	9-36VDC
IMX6Q-1.00-22X-40-B00-1N-1	IMX6 QUAD 1GHz	2G DDR3	2G	2I/2O	BLE 4.0	No	9-36VDC

CPU	F	CPU Frequency	R	RAM	S	Storage	X	Ext.Storage	D	D/I/O	xxx	Wireless	A	Ingress P.	E	Environment	P	Power
	0.80	800Mhz	1	1G	1	1G	1	1G	00	None	B00	Bluetooth 4.0	0	IP00	N	None	1	9-36VDC
	1.00	1GHz	2	2G	2	2G	2	2G	40	4 Inputs	BW0	BT + Wifi	1	IP20, NMEA1	T	PCB tropicalization	2	12VDC
			4	4G	4	4G	4	4G	04	4 Outputs	W00	Wifi	2	IP54, NMEA2			3	24VDC Isolated
				8	8G	8	8G	8	44	4 In / 4 Out	BWG	BT+ Wifi + 4G	4	IP65, NMEA3			4	48VDC Isolated
				16	16G	16	16G	16					5	IP66			5	5VDC
				32	32G	32	32G	32					6	IP67, NMEA6			7	72VDC Isolated
								64					A	None			8	16-75VDC Isolated
								128					B	IP65 front			9	110VDC Isolated
																	X	12-150VDC Isolated
																	P	PoE+ Isolated
																	T	9-36VDC Isolated
																	A	85-240AC Isolated
																	Y	24VDC

IMX6D NXP IMX6 Cortex A9 Dual Core
 IMX6Q NXP IMX6 Cortex A9 Quad Core
 Z5300 Atom X5-Z5300

Contact with Inelmatic for more options, customization available.

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