SESITEK
INDUSTRIAL PERSONAL COMPUTER

IN-VEHICLE PANEL IPC

Ready for heavy-duty vehicles & earthmoving machines

Industrial-grade PC
Display Touch Screen
Wireless, 4G LTE and GPS communication
Windows, Linux or Android
Dust & Water Resistance
Vehicle-mounted by VESA and RAM mount

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Windows & Linux

Model	MADRID	
Operating System	Microsoft Windows 10 Professional (or Windows 10 IoT Enterprise, Linux Ubuntu *)	
Computing Platform	Intel Celeron J1900, Quad-Core 2.00 GHz	
System Memory	4GB	
Storage	64GB	
Graphic	Intel HD graphics	
Display	10.1"	16:10
Resolution	1280 x 800	Landscape orientation
Touchscreen	Capacitive multi-touch	User selectable by finger, pen and glove
Networking *	Gigabit Ethernet 10/100/1000 Mbit/s	
Bluetooth *	Bluetooth v4.2	
Wireless	IEEE802.11 a/b/g/n/ac, with antenna	2.4GHz & 5.0GHz dual-band support *
Mobile Broadband *	4G LTE, with antenna	Voice
GPS *	GPS, Glonass, BeiDou, with antenna	
Audio	Dual Speaker	
Camera	-	
Keyboard	Power button with automatically power on, Brightness buttons	
Interfaces ***	USB	x1 Type M12 connector
	RS-232 (or USB, RS-422, RS-485 *)	x1 Type M12 connector
	RS-232 (or RJ-45 ethernet *)	x1 Type M12 connector
	DC In	x1 Type M12 connector
Expansion Slots *	Mini PCI-E	
Power	12-36VDC	
	AC/DC Adapter	Input: 100-240VAC, 50/60Hz, Output: 12VDC, 5A
Construction	Aluminum alloy enclosure, High strength cold rolled steel, black color RAL9005	
Cooling System	Full closed heat dissipation, fanless design, without any fan inside and outside	
Mounting	VESA mount, RAM mount	
Dimensions	Please require the drawing	
Weight	approx.2000g	
Environment **	Touch screen	7H anti-scratch surface
	Dust Resistance	IP6x
	Water Resistance	IPx5
	Operating Temperature	0 °C to 50 °C
	Storage Temperature	-10 °C to 60 °C
	Humidity	95% relative humidity, non-condensing
	Vibration & Shock	up to 200Hz/1.0G, 10G/peak (11ms)
Regulatory	CE, FCC class A, WEEE, RoHS	
Ordering Code	MADRID-W 101, 4GB RAM, 64GB SSD, OS Windows	
	MADRID-L 101, 4GB RAM, 64GB SSD, OS Ubuntu	
Included in the box	Power Supply, Cables, Quick User Guide, Warranty document	
Accessories *	RAM bracket, VESA bracket	
	Keyboard IP67/68, Rugged Barcode Reader IP67/68	
	User replaceable screen protector, Capacitive Pen with soft rubber	

* Optional
** Tested by an independent third-party lab following CE, FCC and IEC 60529.
*** Both interfaces type M12 connectors with waterproof cover and extension cables.

New! the product will be available the end of Q3 - 2021.
Specifications given herein may be changed at any time without any notice.

Attention: the standard version hasn't the battery. So, when the mains power fails, the system will switch off.
Add the UPS - Uninterruptible Power Supply - for keep your data safe and leave the system stay on.

Sesitek SAS, Headquarter in Sassuolo (Modena), Italy.

Android

Model	MADRID	
Operating System	Android 9 Pie	support Google play service
Computing Platform	Rockchip RK3399, Hexa-Core 1.80 GHz	
System Memory	4GB	
Storage	32GB	
Graphic	ARM Mali-T864	
Display	10.1"	16:10
Resolution	1280 x 800	Landscape orientation
Touchscreen	Capacitive multi-touch	User selectable by finger, pen and glove
Networking *	Gigabit Ethernet 10/100/1000 Mbit/s	
Bluetooth	Bluetooth v4.2	
Wireless	IEEE802.11 a/b/g/n/ac, with antenna	2.4GHz & 5.0GHz dual-band support *
Mobile Broadband *	4G LTE, with antenna	Voice and data
GPS *	GPS, Glonass, BeiDou, with antenna	
Audio	Dual Speaker	
Camera	-	
Keyboard	Power button with automatically power on, Brightness buttons	
Interfaces ***	USB	x1 Type M12 connector
	RS-232 (or USB, RS-422, RS-485 *)	x1 Type M12 connector
	RS-232 (or RJ-45 ethernet *)	x1 Type M12 connector
	DC In	x1 Type M12 connector
Expansion Slots *	Mini PCI-E	
Power	12-36VDC	
	AC/DC Adapter	Input: 100-240VAC, 50/60Hz, Output: 12VDC, 5A
Construction	Aluminum alloy enclosure, High strength cold rolled steel, black color RAL9005	
Cooling System	Full closed heat dissipation, fanless design, without any fan inside and outside	
Mounting	VESA mount, RAM mount	
Dimensions	Please require the drawing	
Weight	approx.2000g	
Environment **	Touch screen	7H anti-scratch surface
	Dust Resistance	IP6x
	Water Resistance	IPx5
	Operating Temperature	0 °C to 60 °C
	Storage Temperature	-10 °C to 70 °C
	Humidity	95% relative humidity, non-condensing
	Vibration & Shock	up to 200Hz/1.0G, 10G/peak (11ms)
Regulatory	CE, FCC class A, WEEE, RoHS	
Ordering Code	MADRID-A 101, 4GB RAM, 32GB SSD, OS Android	
Included in the box	Power Supply, Cables, Quick User Guide, Warranty document	
Accessories *	RAM bracket, VESA bracket	
	Keyboard IP67/68, Rugged Barcode Reader IP67/68	
	User replaceable screen protector, Capacitive Pen with soft rubber	

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