

VAM900

Value-added Module with COM/CAN/DIO and 3 Rev.1.2 PCI Express Mini Card Slots



Thumb screw

Specifications

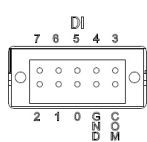
I/O Outlet	1 x Terminal block for 4-wire isolated RS-232/422/485 COM 1 x Terminal block for isolated CANBus 2.0A/B (isolation voltage: 2 kV) 1 x Terminal block for isolated DIO 8-in/8-out
Isolation Voltage	COM & CANBus: 2 kV DIO: 1.5 kV
Expansion interface	2 x Full-size Rev.1.2 PCI Express Mini Card slot • 2 x USB with SIM socket 1 x Half-size Rev.1.2 PCI Express Mini Card slot • 1 x PCIe
Operating Temperature	-40°C to +70°C (-40°F to +158°F) with the tBOX500 series & wide operating temperature peripheral
Certifications	EN 50155 certified; CE, LVD and FCC compliant
EMC	CE/FCC EN 61000-6-4 (Class A), EN 61000-6-2 FCC part 15 B (Class A)
	EN 50155 EN 50121-3-2, IEC 62236-3-2
LVD	EN 60950-1
Vibration	3 Grms with the tBOX500 series (5 to 500Hz, X/Y/Z direction; random, operating)
	EN 50155 EN 61373 category 1 class B
Shock	EN 50155 Half-sine pulse, 5g, 30ms (longitudinal direction), 3g, 30ms (vertical/transverse direction)

*For more information of certification/EMC/Vibration/Shock as above, please contact Axiomtek 's regional distributor

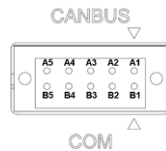
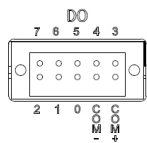
Ordering Information

VAM900 (P/N: E277900100)	Value-added module with COM/CAN/DIO and 3 Rev.1.2 PCI Express Mini Card slots and designed for the tBOX500 series
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Pin Definition



Pin	DI	Pin	DO
COM	External power	COM	COM+
GND	DI_GND	COM-	COM-
0	DIO	0	DO0
1	DI1	1	DO1
2	DI2	2	DO2
3	DI3	3	DO3
4	DI4	4	DO4
5	DI5	5	DO5
6	DI6	6	DO6
7	DI7	7	DO7



Pin	RS232	RS422	RS485	Pin	CANBus
B1	GND	GND	GND	A1	CAN_GND
B2	RTS	RXN	RSVD	A2	CAN_H
B3	TXD	RXP	RSVD	A3	CAN_L
B4	CTS	TXN	DN	A4	CAN_GND
B5	RXD	TXP	DP	A5	RSVD