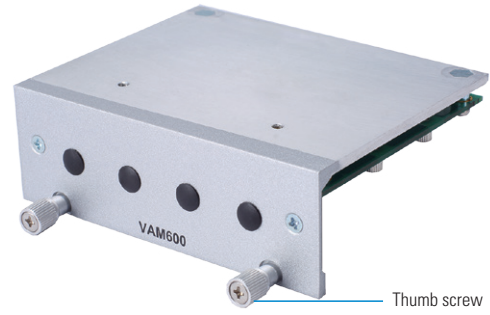


# VAM600

## Specifications

I/O Outlet	4 x Antenna opening	
Expansion interface	2 x Full size Rev. 1.2 PCI Express Mini Card slot • 1 x USB/PCIe with SIM socket • 1 x USB with SIM socket	
Operating Temperature	-40°C to +70°C (-40°F to +158°F) with tBOX500 series & Wide operating temperature peripheral -25°C to +70°C (-13°F to +158°F) with tBOX300 series & Wide operating temperature peripheral	
Certifications	LVD, FCC and EN 50155 certified; CE 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	3Grms with tBOX300/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



Thumb screw

## Ordering Information

VAM600 (P/N: E277600100)	Value-added module with 4 antenna opening and 2 Full size Rev. 1.2 PCI Express Mini Card slot and to be used with tBOX300/500 series
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# VAM900

## Specifications

I/O Outlet	1 x Terminal block 4-wire isolated RS-232/422/485 COM 1 x Terminal block isolated CANBus 2.0A/B (isolation voltage: 2 kV) 1 x Terminal block 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 tBOX500 series & Wide operating temperature peripheral -25°C to +70°C (-13°F to +158°F) with tBOX300 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	3Grms with tBOX300/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

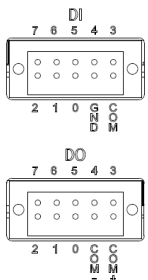


Thumb screw

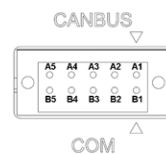
## Ordering Information

VAM900 (P/N: E277900100)	Value-added module with COM/CAN/DIO and 3 Rev.1.2 PCI Express Mini Card slot and to be used with tBOX300/500 series
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## Pin Definition



Pin	DI	Pin	DO
COM	External power	COM	COM+
GND	DI_GND	COM-	COM-
0	DI0	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