



Industrial Networking Solutions

Serial Device Servers

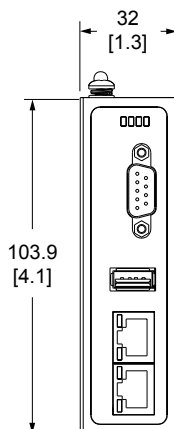
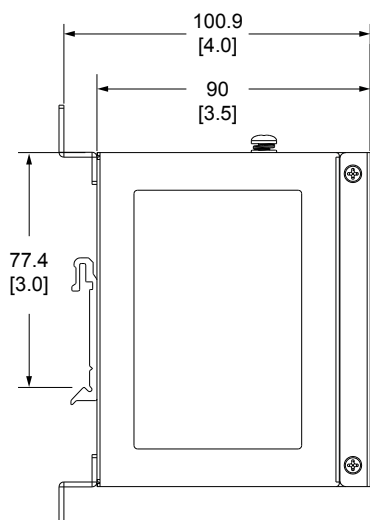


Advanced Serial Device Servers | DIN-Rail/Wall Mount | Metal Housing | IP30 Rating

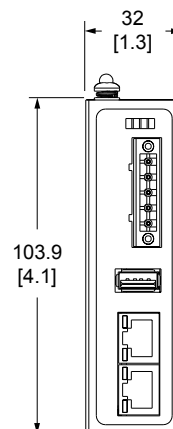


Advanced Industrial Serial Device Servers					
Part Number [MFG #]	RS-232 RS-422 RS-485 TB5	RS-232 RS-422 RS-485 DB9	10/100 RJ45 Ports	PoE Powered	Features
E45SS-DB9-2RJ45 [SE5901-DB]	N/A	1	2	No	Industrial EMC Protection
E45SS-TB5-2RJ45 [SE5901-TB]	1	N/A	2	No	
E45SS-DB9-2RJ45-POE [SE5901-POE-DB]	N/A	1	2	Yes	
E45SS-TB5-2-RJ45-POE [SE5901-POE-TB]	1	N/A	2	Yes	

SDK version and SDK-Node-RED version are available, please consult the factory. See Appendix (Page 151) for Block Diagram.



E45SS-DB9-2RJ45
E45SS-DB9-2RJ45-POE



E45SS-TB5-2RJ45
E45SS-TB5-2-RJ45-POE

Feature Highlights:

- Industrial EMC protection, wide temperature operation, -40°C~85°C
- Rugged metal case with wall or DIN-Rail mount
- 2-port 10/100Mbps Fast Ethernet, 1-port USB 2.0 high speed OTG
- TCP Server/Client, UDP, Virtual COM and Tunneling modes supported
- Remotely monitor, manage, and control industrial field devices
- Configuration via Web Browser / Serial Console / Telnet Console / Windows Utility
- Remote firmware upgrade
- Optional 802.3af PoE models can be powered through the Ethernet cable



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Specifications & Approvals



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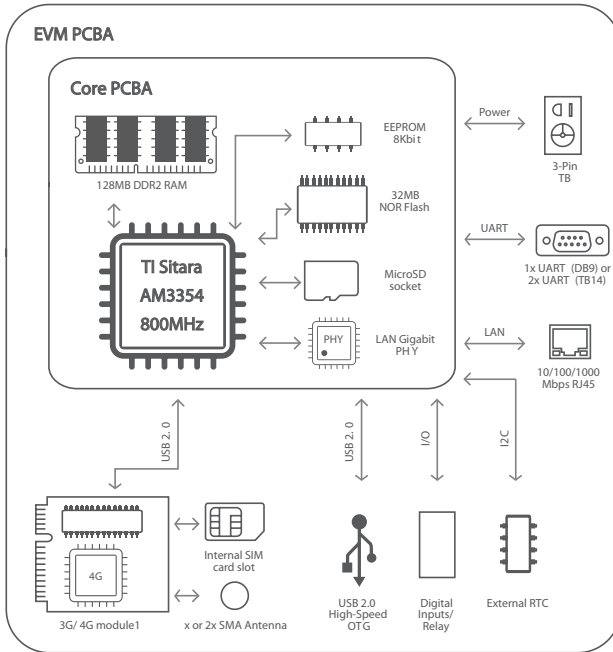
Network Interface	
Speed	IEEE 802.3 10BaseT, IEEE 802.3u 100BaseT(X)
PoE standard supported	IEEE 802.3 af (PoE)
Connector ports	RJ45 x 2
Serial Interface	
Connector	DB Models D-Sub9 RS-232/422/485 software selectable
	TB Models 5.08mm 5-Pin Terminal block RS-232/422/485 sw selectable
Ports	1
Baud Rate	110 ~ 921.6Kbps software selectable
Data Bits	5, 6, 7, 8 software selectable
Stop Bits	1, 2 software selectable
Flow Control	None, Xon/Xoff, RTS/CTS
USB interface	
Speed	USB 2.0
Connector	USB A Type
Power Management	
Input Voltage	9 - 48VDC (non-PoE Models); or through Ethernet Cable (PoE versions)
Input Current (@ 9VDC)	0.65 A
Power Consumption	Approximately 6 W (Max)
Connector	3-Pin 5.08mm Lockable Terminal Block
Reverse Polarity Protection	Yes
Mechanicals	
Reset Button	Yes
Environmental Limits	
Operating Temperature	-40°C ~ 75°C (-40°F ~ 167°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Ambient Relative Humidity	5%~95%, 55°C (Non-condensing)

Software				
Protocols	IPv4, ICMP, TCP, UDP, DHCP Client, SNMPv1,v2c,v3, HTTP, Telnet, RFC2217			
Configuration	Atop Management Utility, Web UI, Telnet			
VirtualCOM	Windows/Linux redirection software			
Features	IPsec, OpenVPN, RSTP, PPTP			
Link Modes				
TCP Client	Single destination or VirtualCOM			
TCP Server	4 Connections; VirtualCOM or reverse Telnet			
UDP	Up to 4 Ranges IP			
Regulatory Approvals				
Safety	EN60950-1:2006			
EMC	FCC Part 15, Subpart B, Class A EN 55032, EN 55024, EN 61000-3-2, EN 61000-3-3, EN 61000-6-2, EN 61000-6-4			
EMS Test	Item		Value	Level
IEC 61000-4-2	ESD	Contact Discharge Air Discharge	±8KV ±15KV	4 4
IEC 61000-4-3	RS	Radiated (Enclosure)	10(V/m)	3
IEC 61000-4-4	EFT	DC Power Port Signal Port	±2.0 KV ±2.0 KV	3 3
IEC 61000-4-5	Surge	DC Power Port DC Power Port Signal Port	Line-to Line±1.0KV Line-to Earth±2.0KV Line-to Earth±2.0KV	3 3 3
IEC 61000-4-6	CS	Conducted (Enclosure)	10 V rms	3
IEC 61000-4-8	PFMF	Enclosure	10(A/m)	3
IEC 61000-4-11	DIP	Power Port	-	A
Shock	IEC 60068-2-27			
Drop	IEC 60068-2-32			
Vibration	IEC 60068-2-6			
RoHS II	Yes			
Warranty	5 Years			



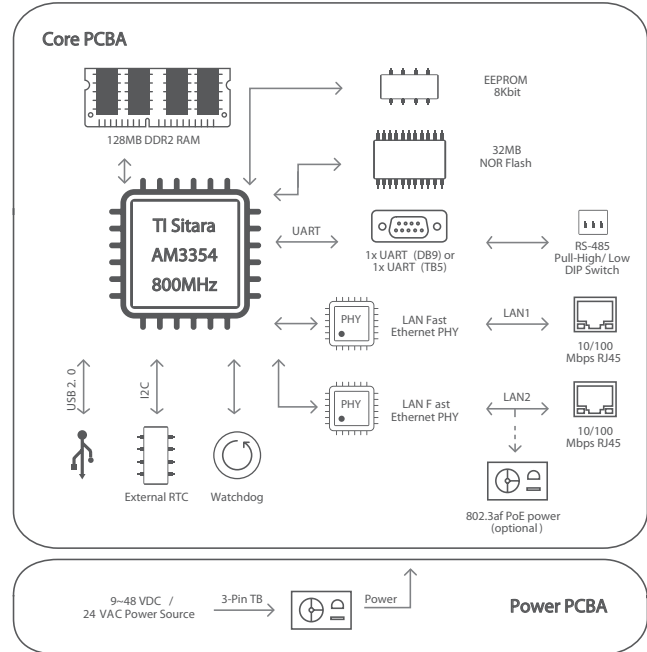
SE5901B Series

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SE5901 Series

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SE5908/5916 Series

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