

# lexicon

Word/technical term	Definiton
SHER-Bus	Systemwide Hub for Efficient Routing Bus or SHER-Bus Handles Extensive Resource Bridging, Unifying Systems
Bus	Computer interface allowing communication between circuit
Bridge	Integrated circuit managing translaion between SHER-Bus and other slower speed bus
Controller	Bus manager
End-Bridge	Integrated circuit managing translaion between SHER-Bus and other higher/same speed bus
M-LVDS	Multipoint Low voltage differential signaling
Differential pair/ Twisted pair	<a href="https://en.wikipedia.org/wiki/Differential_signalling">https://en.wikipedia.org/wiki/Differential_signalling</a>
Backplane	Printed cicuit board which other PCB can be sloted in allowing communication between them
Implementer/ Bus Implementer	Person/enterprise that implement a SHER-Bus system using mutiple component
Bridge Implementer	Person/enterprise that implement a bridge compatible with the SHER-Bus system
Protocol	How message are constructed
Communication Stack/ Stack	Message hierarchy
Layer	message or family of message on the same level in the communication stack
Messages	Way of ordering inofrmation
Transaction	exchange of data on the bus following SHER-Bus protocol