

分類/Classification	<input type="checkbox"/> tDS	<input type="checkbox"/> tGW	<input type="checkbox"/> PETL/tET/tPET	<input checked="" type="checkbox"/> DS/PDS/PPDS	<input type="checkbox"/> tM-752N
	<input type="checkbox"/> I/O Card	<input type="checkbox"/> VXC Card	<input type="checkbox"/> VxComm	<input type="checkbox"/> Other	
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Q: How many PCs can be connected to a single PDS device?

This depends on how many serial ports are available on the PDS series module and how many serial ports which can be connected to each PC of PDS.

The PDS series module has 32 sockets in total includes some reserved listening sockets. The PDS series module provides a single command port for configuring the data (serial) ports. Thus, no matter how many data (serial) ports on the PDS are used, one more socket connection is needed for the command port in order to configure them.

	IO Port	Data Ports	Listening Sockets	Available Sockets	Max. PCs when using all data ports	Max. PCs when using 1 data port
DS-712	0	1	5	32 - 5 = 27	30/2 = 15	30/2 = 15
DS-715	0	1	5	32 - 5 = 27	30/2 = 15	30/2 = 15
PDS-720 PDS-720D	0	2	6	32 - 6 = 26	29/3 = 9	29/2 = 14
PDS-721 PDS-721D	1	2	7	32 - 7 = 25	29/3 = 9	29/2 = 14
PDS-732 PDS-732D	1	3	8	32 - 8 = 24	28/4 = 7	28/2 = 14
PDS-734 PDS-734D	1	3	8	32 - 8 = 24	28/4 = 7	28/2 = 14
PDS-742 PDS-742D	0	4	8	32 - 8 = 24	27/5 = 5	27/2 = 13
PDS-743 PDS-743D	1	4	9	32 - 9 = 23	27/5 = 5	27/2 = 13
PDS-752 PDS-752D	0	5	9	32 - 9 = 23	26/6 = 4	26/2 = 13
PDS-755 PDS-755D	0	5	9	32 - 9 = 23	26/6 = 4	26/2 = 13
PDS-762 PDS-762D	1	5	10	32 - 10 = 22	26/6 = 4	26/2 = 13
PDS-782 PDS-782D	0	8	12	32 - 12 = 20	23/9 = 2	23/2 = 11
PDS-782-25 PDS-782D-25	0	8	12	32 - 13 = 20	23/9 = 2	23/2 = 11

Notes:

1. CMD Port = Command Port (TCP port 10000). The CMD Port is used to configure the data ports (TCP port 10001 ~ 10008) of a PDS series module, such as BaudRate, and data format, etc.
2. The data port (TCP port 10001 ~ 10008, which are mapped to serial ports 1 ~ 8 of PDS), is only used to send/receive data.
3. The Listening Sockets (for PDS series modules) = Number of Data ports + 1 CMD port + IO port + Web + Telnet + UDP Search.
4. The number of Available Sockets (for PDS series modules) = max. (32) sockets - Listening sockets.
5. The maximum number of PCs when using all data ports of PDS = Available sockets/(data ports + 1 command port).
6. The maximum number of PCs when using 1 data port of PDS = Available sockets/(1 data port + 1 command port).
7. IO Port is 9999. (Only support for the module which has the DI/O.)
8. The web uses the TCP port 80. (It can be disabled.)
9. The telnet uses the TCP port 23. (It can be disabled)
10. The UDP search function will occupy one socket.
 - UDP = 0 → Doesn't support UDP search
 - UDP = 1 → Support UDP search and always occupy one socket
 - UDP = 2 → Support UDP search but while has the connection in that UDP search will be stopped.