Q : How many PCs can be connected to one 7188E/8000E device?

Ans : It depends on how many serial ports on the 7188E/8000E and how many serial ports of 7188E/800E that each PC connected on it.

7188E/8000E has 32 sockets totally and it reserves some sockets for listening.

7188E/8000E provides one command port for configuring all data (serial) ports. Thus, no matter how many data (serial) ports of 7188E/8000E you used, you need one more socket connection for the command port to configure them.

	CMD Ports	Data Ports	Listening Sockets =1 CMD + all Data	Left Sockets =Max. - Listening	PCs with all ports =Left / (1 CMD + all Data)	PCs with 1 port =Left / (1 CMD+1 Data)
7188E1	1	1	2	32 - 2 = 30	30 / 2 = 15	30 / 2 = 15
7188E2 7188EA/X	1	2	3	32 - 3 = 29	29 / 3 = 9	29 / 2 = 14
7188E3	1	3	4	32 - 4 = 28	28 / 4 = 7	28 / 2 = 14
7188E4	1	4	5	32 - 5 = 27	27 / 5 = 5	27 / 2 = 13
7188E5	1	5	6	32 - 6 = 26	26 / 6 = 4	26 / 2 = 13
7188E8	1	8	9	32 - 9 = 23	23 / 9 = 2	23 / 2 = 11
8430/8830 8431/8831	1	2	3	32 - 3 = 29	29 / 3 = 9	29 / 2 = 14

Note:

1. CMD port = Command port (TCP port 10000)

   It's used to configure all data ports (TCP port 10001 ~ 10008) of a 7188E/8000E, such as baudrate, data format ... etc.
2. Data port (TCP port 10001 ~ 10008 whichs are mapped to serial port 1 ~ 8 of 7188E/8000E), it's used to send/receive data only.
3. Listening Sockets (of 7188E/8000E) = Number of Data ports + 1 CMD port
   (VCOM3010.exe reserves 2 more sockets for TELNET and UDP CMD port listening.)
4. Left Sockets (of 7188E/8000E) = Max. (32) sockets - Listening sockets
5. Number of PCs could be connected to one 7188E/8000E with all data ports used
   = Left sockets / [Number of Data ports + 1 CMD port]
6. Number of PCs could be connected to one 7188E/8000E with 1 data port used
   = Left sockets / (1 Data port + 1 Command port) = Left sockets / 2

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