

Tady máte různé tabulky popisující funkci paralelního portu, které jsem pozbýral různých WWW stránek.

Address	Port Name	Read/Write
Base + 0	Data Port (SPP)	Write
Base + 1	Status Port (SPP)	Read
Base + 2	Control Port (SPP)	Write
Base + 3	Address Port (EPP)	Read/Write
Base + 4	Data Port (EPP)	Read/Write
Base + 5	Undefined (16/32bit Transfers)	-
Base + 6	Undefined (32bit Transfers)	-
Base + 7	Undefined (32bit Transfers)	-

Table 1 EPP Registers

Pin	SPP Signal	EPP Signal	IN/OUT	Function
1	Strobe	Write	Out	A low on this line indicates a Write, High indicates a Read
2-9	Data 0-7	Data 0-7	In-Out	Data Bus. Bi-directional
10	Ack	Interrupt	In	Interrupt Line. Interrupt occurs on Positive (Rising) Edge.
11	Busy	Wait	In	Used for handshaking. A EPP cycle can be started when low, and finished when high.
12	Paper Out / End	Spare	In	Spare - Not Used in EPP Handshake
13	Select	Spare	In	Spare - Not Used in EPP Handshake
14	Auto Linefeed	Data Strobe	Out	When Low, indicates Data transfer
15	Error / Fault	Spare	In	Spare - Note used in EPP Handshake
16	Initialize	Reset	Out	Reset - Active Low
17	Select Printer	Address Strobe	Out	When low, indicates Address transfer
18-25	Ground	Ground	GN D	Ground

Table 2. Pin Assignments For Enhanced Parallel Port Connector.

Pin No (D-Type 25)	Pin No (Centronics)	SPP Signal	Direction In/out	Register	Hardware Inverted
1	1	nStrobe	In/Out	Control	Yes
2	2	Data 0	Out	Data	
3	3	Data 1	Out	Data	
4	4	Data 2	Out	Data	
5	5	Data 3	Out	Data	
6	6	Data 4	Out	Data	
7	7	Data 5	Out	Data	

8	8	Data 6	Out	Data	
9	9	Data 7	Out	Data	
10	10	nAck	In	Status	
11	11	Busy	In	Status	Yes
12	12	Paper-Out / Paper-End	In	Status	
13	13	Select	In	Status	
14	14	nAuto-Linefeed	In/Out	Control	Yes
15	32	nError / nFault	In	Status	
16	31	nInitialize	In/Out	Control	
17	36	nSelect-Printer / nSelect-In	In/Out	Control	Yes
18 - 25	19-30	Ground	Gnd		

Table 3. Pin Assignments of the D-Type 25 pin Parallel Port Connector.

Software Registers - Standard Parallel Port (SPP)

Offset	Name	Read/Write	Bit No.	Properties
Base + 0	Data Port	Write (Note-1)	Bit 7	Data 7
			Bit 6	Data 6
			Bit 5	Data 5
			Bit 4	Data 4
			Bit 3	Data 3
			Bit 2	Data 2
			Bit 1	Data 1
			Bit 0	Data 0

Table 4 Data Port

Offset	Name	Read/Write	Bit No.	Properties
Base + 1	Status Port	Read Only	Bit 7	Busy
			Bit 6	Ack
			Bit 5	Paper Out
			Bit 4	Select In
			Bit 3	Error
			Bit 2	IRQ (Not)
			Bit 1	Reserved
			Bit 0	Reserved

Table 5 Status Port

Offset	Name	Read/Write	Bit No.	Properties
Base + 2	Control Port	Read/Write	Bit 7	Unused
			Bit 6	Unused
			Bit 5	Enable Bi-Directional Port
			Bit 4	Enable IRQ Via Ack Line
			Bit 3	Select Printer
			Bit 2	Initialize Printer (Reset)
			Bit 1	Auto Linefeed
			Bit 0	Strobe

Table 6 Control Port