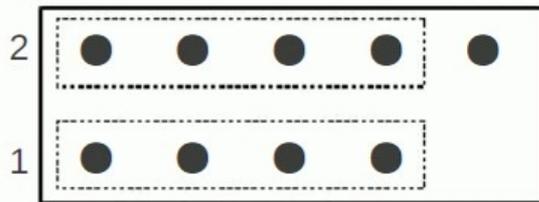


MSI MS-7050 Motherboard

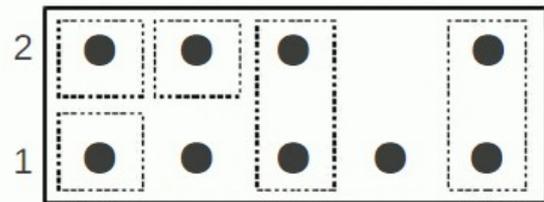
as used in HP DX5150 SFF and MiniTower PCs

JUSB1



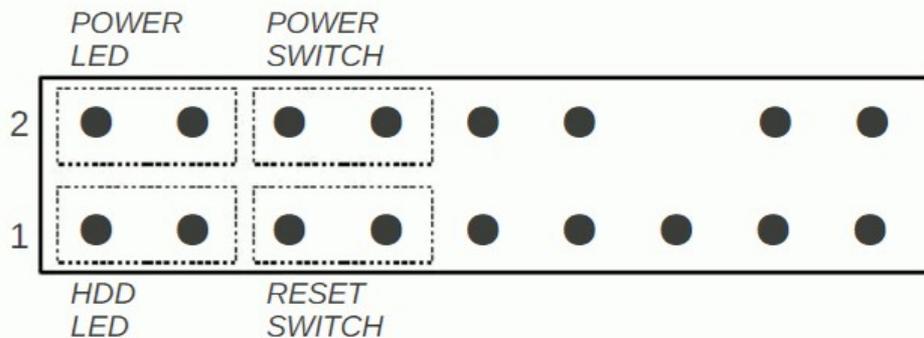
1 Vcc	2 Vcc
3 Data -	4 Data -
5 Data +	6 Data +
7 GND	8 GND
	10 NC

AUD1



1 Front Mic	2 GND
3 Vref (Mic Bias)	4 +5V
5 SPKR R	6 LINE NEXT R
7 NC	
9 SPKR L	10 LINE NEXT L

F_P1



1 IDE PWR	2 LED1 (Power LED)
3 IDE LED	4 LED2 (Sleep LED)
5 -RESET	6 PWR SW
7 RESET	8 -PWR SW
9 Vcc1	10 CHA ID2
11 NC	12 GND2
13 GND1	
15 NC	16 Vcc2
17 CHA ID1	18 GND3

Note:

These Socket 939 motherboards appear frequently on eBay for as little as £20.00 but because this is an OEM board for HP, MSI don't have a manual available on their website and the information available from HP does not include details on these three headers. It is particularly crucial to know the pinout connections for the front panel header (F_P1) since you need to know which pins to connect the power and reset switches to, to make the motherboard work. After extensive research I finally tracked down the information and decided to make it more widely available. Also included are details for the front panel USB header (JUSB1) and the front panel audio header (AUD1).