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Pinouts, they should already be silkscreened on the board near the connector:

| USB: | |
|---|---|
| 1 | 1=USB Power |
| x | X=spacer |
| 2 | 2=USBP- |
| 3 | 3=USBP+ |
| 4 | 4=Ground |

| Power/LED Assy: | |
|---|---|
| 1 | 11 |
| 2 | 12 |
| 3 | 13 |
| 4 | 14 |
| 5 | 15 |
| 6 | xx |
| 7 | 16 |
| 8 | 17 |
| 9 | 18 |
| 10 | 19 |

Speaker:
1=speaker
2=ground
3=unlabelled
4=+5v

External SMI Lead:
5=ground
6=ExtSMI#

Keyboard lock:
7=Ground
8=Keylock

Message LED:
9=MSGLED-
10=MSGLED+

Reset Switch:
11=Ground
12=Reset

Power LED:
13=PWRLED-
14=PWRLED-
15=PWRLED+

XX=spacer

Hard Drive LED:
16=IDELED+
17=IDELED-

Power Switch:
18=Ground
19=PWRBTN

now since hp doesnt use the 1-12 pins, some of that may not work, they primarily use only the power switch, HDD LED and Power LED's (13 or 14, pick one)

MEW-AM and MEW-VM are slightly different, such as MEW-VM only has 3 PCI slots, not 4, also the ram slots are located a bit more to the right than the MEW-AM... MEW-VM is scritcly an OEM release to ASUS and ASUS wont release any kind of info, HP has to do that, but hp doesnt have any publicly available for it... at least the pinouts i mentioned are similar, except we can't find the USB header we mentioned previously in that layout

## More info from another source:

| Bus speed | FSB0 | FSB1 |
|---|---|---|
| 66MHz | 2-3 | 2-3 |
| 100MHz | 1-2 | 2-3 |
| 133MHz | 1-2 | 1-2 |
| X | 2-3 | 1-2 |