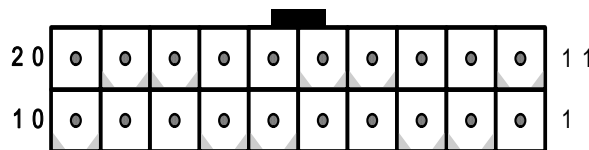


IPX-13S-RS-R40

13-Slot Backplane with 12 PCI Bus User Manual Ver. 4.0

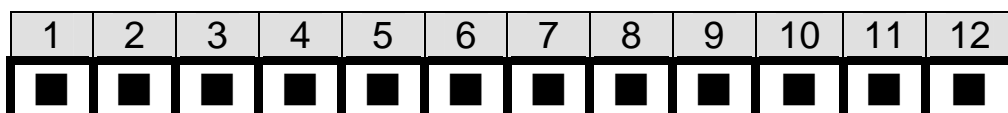
1. PW2: ATX Power Connector

| Pin | Description | Pin | Description |
|-----|-------------|-----|-------------|
| 1 | +3.3Vdc | 11 | +3.3Vdc |
| 2 | +3.3Vdc | 12 | -12Vdc |
| 3 | GND | 13 | GND |
| 4 | +5Vdc | 14 | PS-ON |
| 5 | GND | 15 | GND |
| 6 | +5Vdc | 16 | GND |
| 7 | GND | 17 | GND |
| 8 | PWR-OK | 18 | -5Vdc |
| 9 | +5VSB | 19 | +5Vdc |
| 10 | +12Vdc | 20 | +5Vdc |



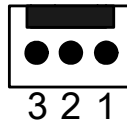
2. PW1, PW3: AT Power Connector

| Pin | Description | Pin | Description |
|-----|-------------|-----|-------------|
| 1 | PWRGD | 7 | GND |
| 2 | +5V | 8 | GND |
| 3 | +12V | 9 | -5V |
| 4 | -12V | 10 | +5V |
| 5 | GND | 11 | +5V |
| 6 | GND | 12 | +5V |



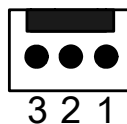
3. CN2: Backplane to Mainboard ATX power control connector

| Pin | Description |
|-----|-------------|
| 1 | GND |
| 2 | PSON# |
| 3 | 5VSB |



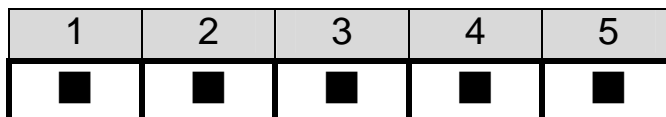
4. CN3, CN5: Fan Connector

| Pin | Description |
|-----|-------------|
| 1 | GND |
| 2 | +12V |
| 3 | NC |



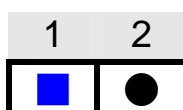
5. CN1: Voltage Connector

| Pin | Description |
|-----|-------------|
| 1 | +5V |
| 2 | -5V |
| 3 | -12V |
| 4 | +12V |
| 5 | GND |



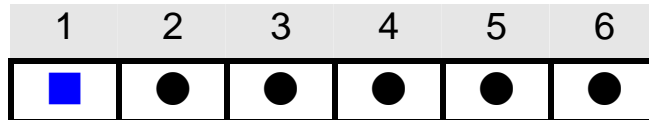
6. CN7: Voltage Connector

| Pin | Description |
|-----|-------------|
| 1 | +3.3V |
| 2 | GND |



7. CN6, CN8: Power Connector

| Pin | Description |
|-----|-------------|
| 1 | +5V |
| 2 | +5V |
| 3 | +5V |
| 4 | GND |
| 5 | GND |
| 6 | GND |



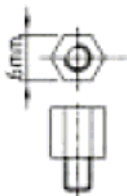
8. PCI routing table:

| PCI Routing | | | | | |
|-------------|-------|-------|-------|-------|------------|
| Sginal | REQ# | GNT# | CLOCK | IDSEL | INT |
| PCI 1 | REQ0# | GNT0# | CLK0 | AD19 | A, B, C, D |
| PCI 2 | REQ1# | GNT1# | CLK1 | AD20 | D, A, B, C |
| PCI 3 | REQ3# | GNT3# | CLK3 | AD22 | B, C, D, A |

| PCI Routing | | | | | |
|-------------|-------|-------|-------|-------|------------|
| Sginal | REQ# | GNT# | CLOCK | IDSEL | INT |
| PCI 4 | REQ0# | GNT0# | CLK0 | AD20 | C, D, A, B |
| PCI 5 | REQ1# | GNT1# | CLK1 | AD21 | D, A, B, C |
| PCI 6 | REQ2# | GNT2# | CLK2 | AD22 | A, B, C, D |
| PCI 7 | REQ3# | GNT3# | CLK3 | AD23 | B, C, D, A |
| PCI 8 | REQ4# | GNT4# | CLK4 | AD24 | C, D, A, B |
| PCI 9 | REQ5# | GNT5# | CLK5 | AD25 | D, A, B, C |
| PCI 10 | REQ6# | GNT6# | CLK6 | AD26 | A, B, C, D |
| PCI 11 | REQ7# | GNT7# | CLK7 | AD27 | B, C, D, A |
| PCI 12 | REQ8# | GNT8# | CLK8 | AD28 | C, D, A, B |

9. Notice:

Recommend to use 6mm width spacer to install



b. Torsion must less than 6lb-inch

10. Dimension:

