

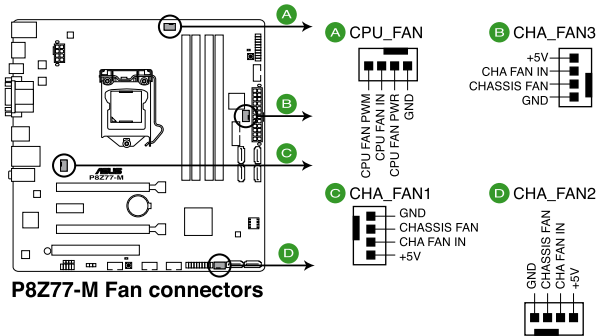
# ASUS P8Z77-M Technical Updates

This is an information update for the user guide that comes with your motherboard package.

## 5. CPU and chassis fan connectors (4-pin CPU\_FAN, 4-pin CHA\_FAN1-3)

Connect the fan cables to the fan connectors on the motherboard, ensuring that the black wire of each cable matches the ground pin of the connector.

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Do not forget to connect the fan cables to the fan connectors. Insufficient air flow inside the system may damage the motherboard components. These are not jumpers! Do not place jumper caps on the fan connectors!



- The CPU\_FAN connector supports the CPU fan of maximum 1A (12 W) fan power.
- CPU fan (4-pin) and CHA fans (3-pin/ 4-pin) support ASUS Fan Xpert+ feature.
- If you install two VGA cards, we recommend that you plug the rear chassis fan cable to the motherboard connector labeled CHA\_FAN1-3 for better thermal environment.



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