## **ASUS P8Z77-V DELUXE Technical Updates**

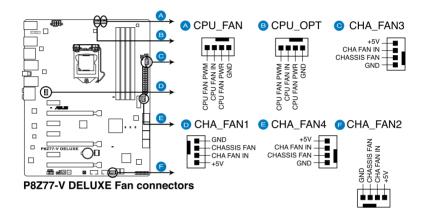
This is an information update for the user guide that comes with your motherboard package.

## 7. CPU, chassis, and power fan connectors

## (4-pin CPU\_FAN; 4-pin CPU\_OPT; 4-pin CHA\_FAN1-4)

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.

(page 2-32)





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.
- Only the CPU\_FAN, CHA\_FAN 1/2/3/4 connectors support the ASUS FAN Xpert 2 feature.
- If you install two VGA cards, we recommend that you plug the rear chassis fan cable
  to the motherboard connector labeled CHA\_FAN1 or CHA\_FAN2 for better thermal
  environment.

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ASUS P8Z77-V DELUXE 1