

Physical Installation

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AIXpressor is a **1RU, 19-inch rack-mount unit** intended for permanent installation in a standard equipment rack. Secure the unit to the rack using four suitable rack screws.

AIXpressor is actively cooled. Viewed from the front, cooling air is drawn in on the **left-hand side** of the unit and exhausted on the **right-hand side**. Make sure that the corresponding ventilation openings are not obstructed and that sufficient airflow is available around the unit.

Additional free rack space above or below the AIXpressor is normally not required, provided that adequate ventilation is maintained. In installations with high ambient temperatures or restricted airflow, additional spacing may help improve cooling.

Power

AIXpressor is equipped with two redundant power supplies, each with its own IEC mains inlet and On/Off switch.

For redundant operation, connect both power supplies. If one power supply or its mains feed fails, the second supply can continue to power the unit.

For installations requiring maximum availability, connect the two power supplies to **independent mains circuits** whenever possible. Ideally, the circuits should also use separate UPS feeds or other suitable backup power arrangements. This helps maintain operation not only in case of a power supply failure, but also if one mains circuit becomes unavailable.

Each power supply can be switched on and off independently.

The power supply modules are located inside the chassis. Replacing a power supply therefore requires opening the unit. Although replacement may technically be possible while the second power supply remains active, this is generally not practical while the unit is installed in a rack.

Important - Please read Safety Information on proper grounding and electrical safety.

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