

COMPUTER HARDWARE AND FUNDAMENTALS



COMPUTER COMPONENTS



CORE COMPONENTS



CENTRAL
PROCESSING
UNIT (CPU)



MOTHERBOARD



RANDOM
ACCESS
MEMORY
(RAM)

CORE COMPONENTS



POWER SUPPLY
UNIT (PSU)



GRAPHICS PROCESSING
UNIT (GPU)

CORE COMPONENTS (STORAGE DEVICES)



SOLID STATE
DRIVE (SSD)



HARD DISK
DRIVE (HDD)

CORE COMPONENTS

(COOLING SYSTEM)



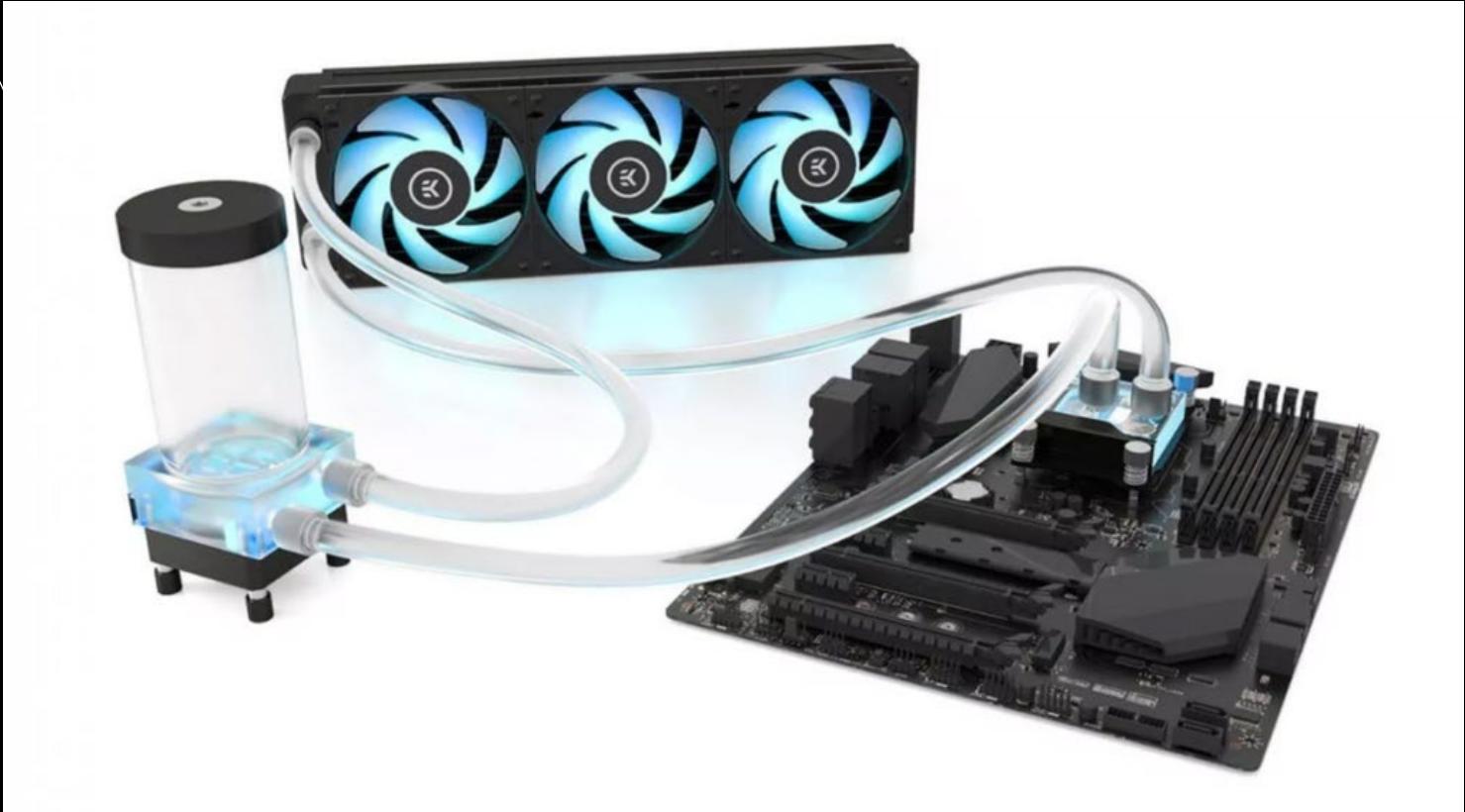
FANS



HEATSINK

CORE COMPONENTS

(COOLING SYSTEM)



LIQUID COOLING SYSTEM

PERIPHERAL COMPONENTS



MONITOR



PRINTER

OPTIONAL & ADDITIONAL COMPONENTS



NETWORK INTERFACE
CARD (NIC)



SOUND
CARD

OPTIONAL & ADDITIONAL COMPONENTS



CD-ROM



CASE (CHASSIS)

POWER SUPPLY UNIT (PSU)



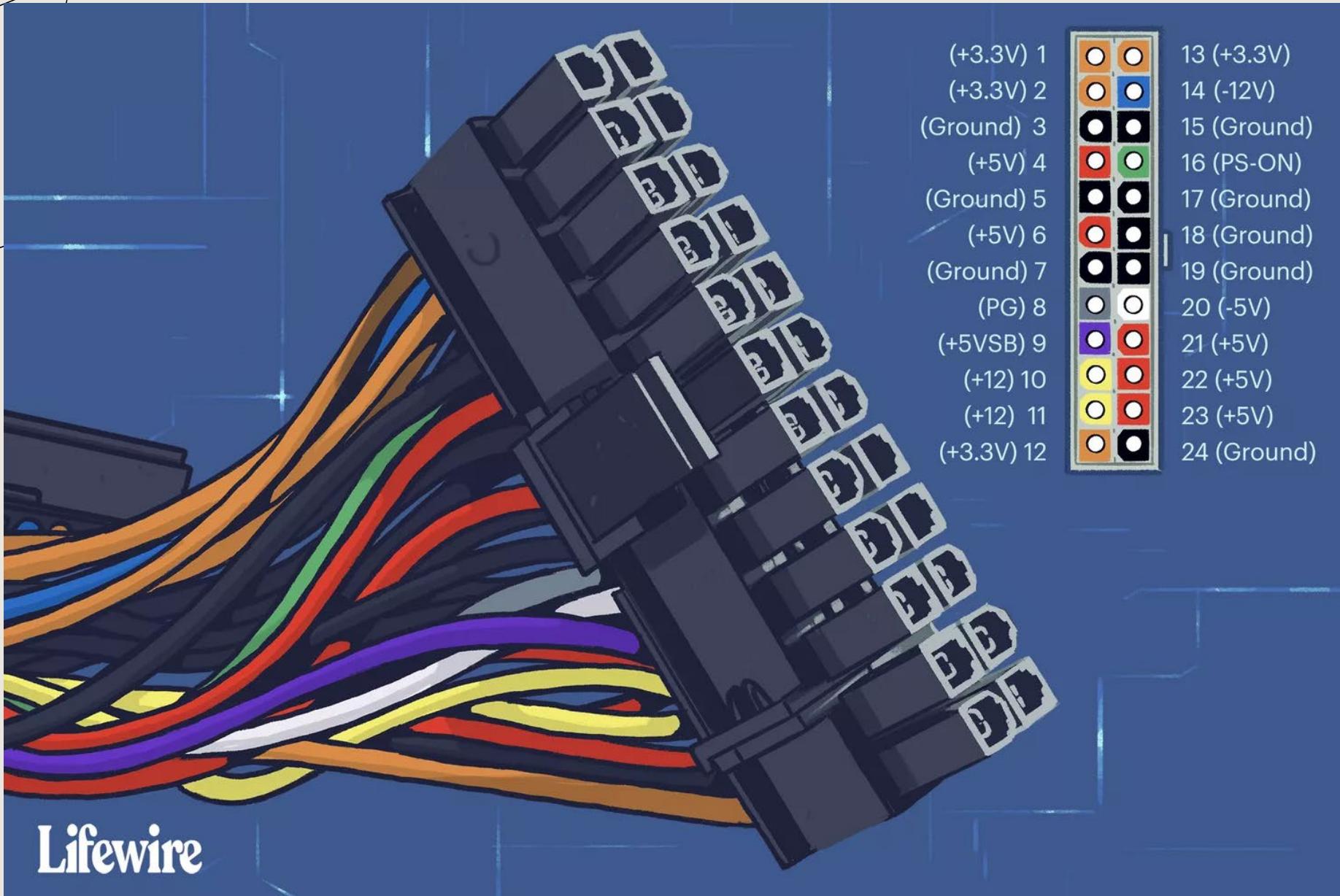
Power Supply Unit (PSU)



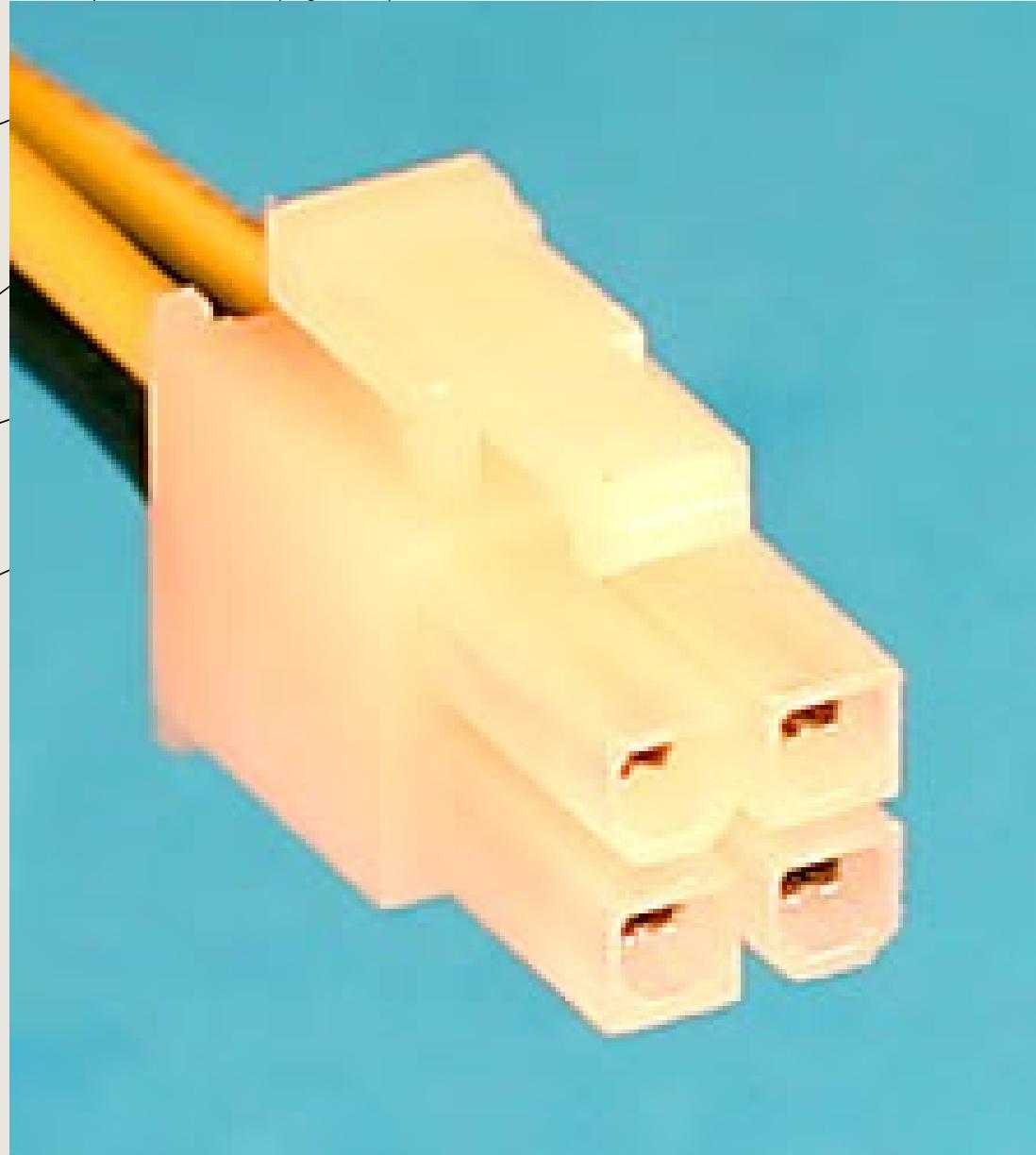
Power Cord



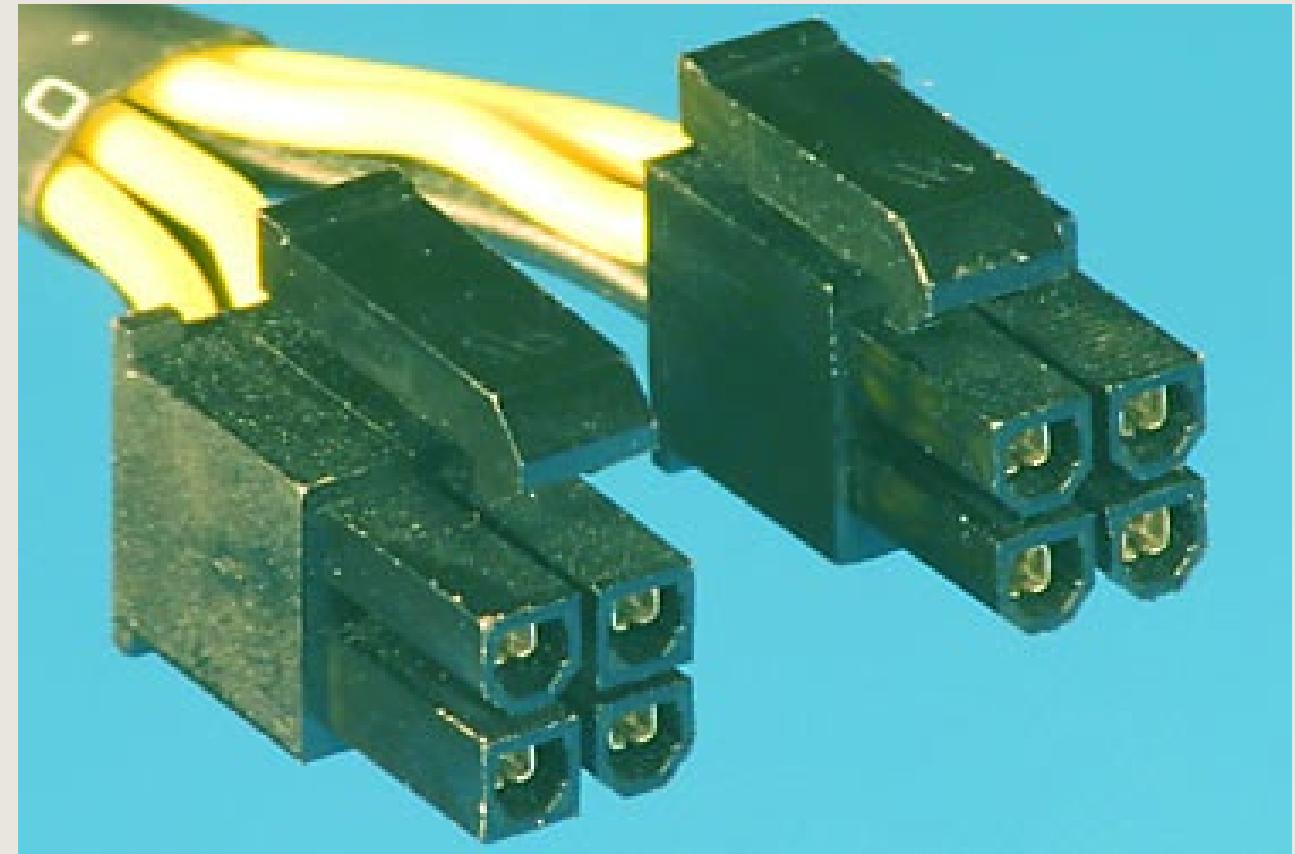
24 pin Connector



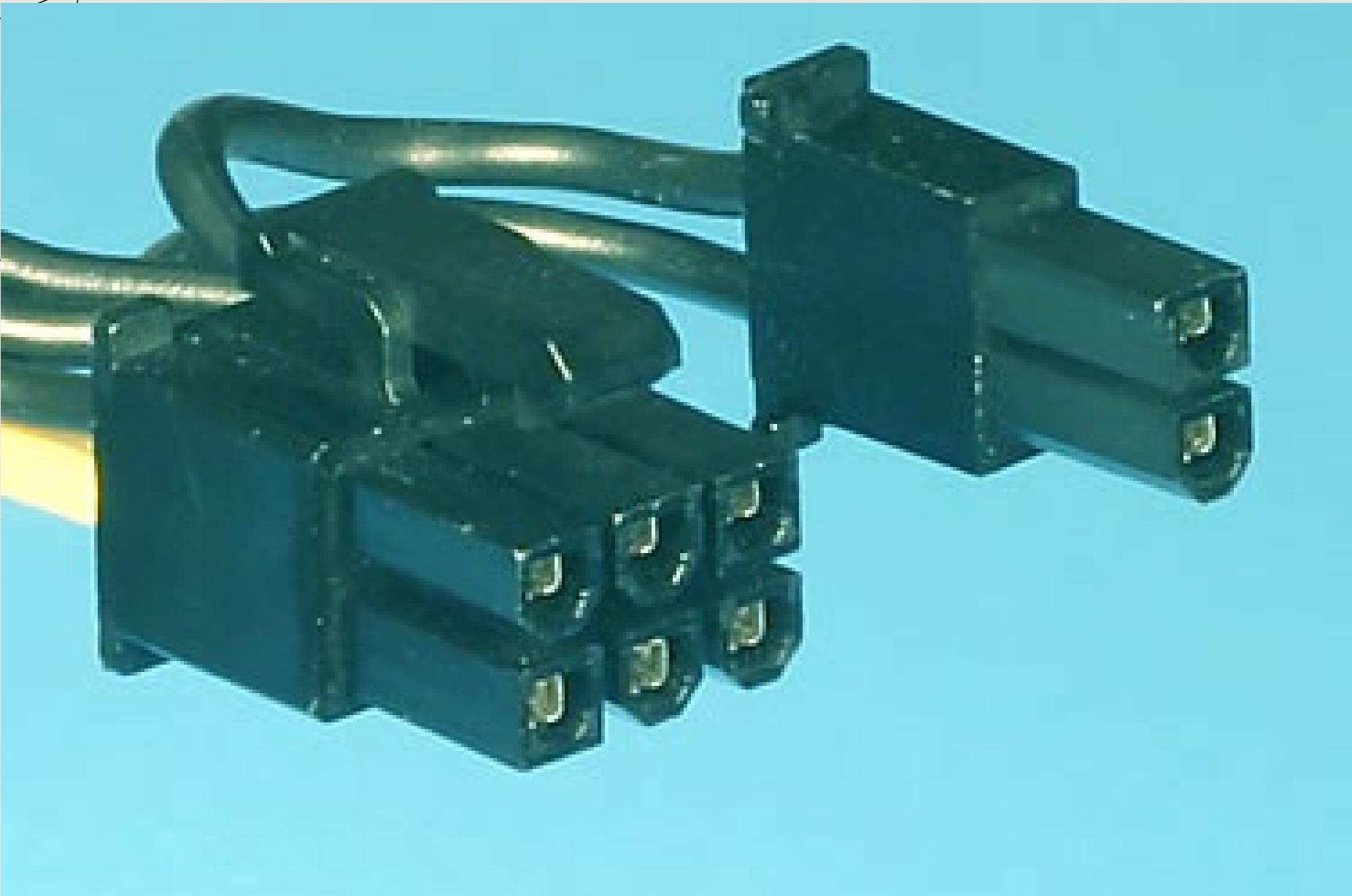
~~4 pin Connector~~



4+4 pin Connector



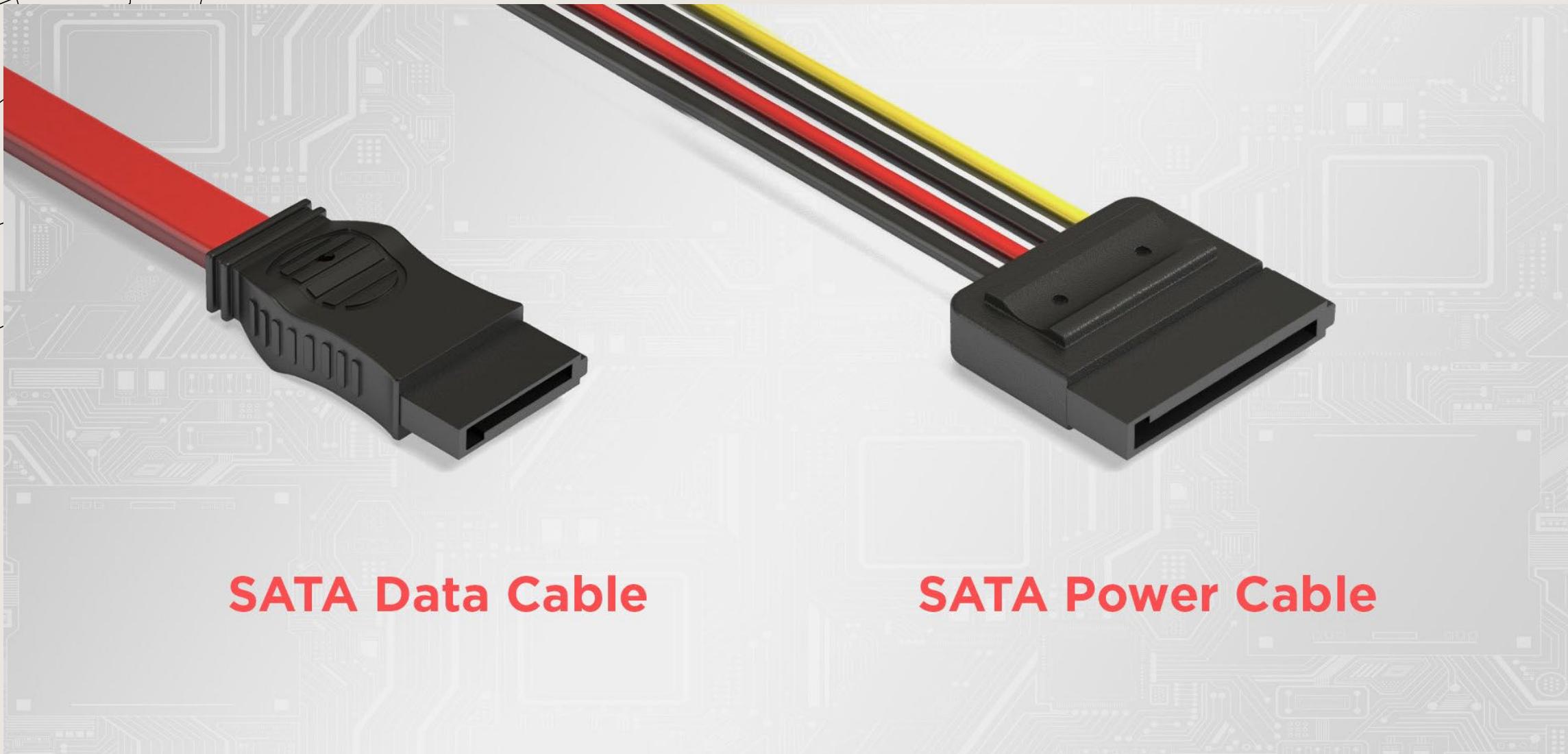
6+2 pin Connector



Molex Connector



Serial Advanced Technology Attachment (SATA)



SATA Data Cable

SATA Power Cable



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THANK YOU