Water-Cooled PC Systems: Troubleshooting Checklist

Client Name:

Phone Number:

Date:

☐ Check Your Coolant Levels

Inspect the reservoir and coolant lines. Low levels may lead to pump noise and overheating. Top up with the correct coolant or distilled water with additives.

Notes:

☐ Inspect the Entire Loop for Leaks

Visually inspect joints and fittings. Use paper towels around connection points to detect leaks. Avoid overtightening fittings.

Notes:

☐ Diagnose Pump and Flow Issues

Listen for gurgling or clicking sounds. Confirm that coolant is circulating. Check pump power and consider tilting the case to remove air bubbles.

Notes:

☐ Check for Flow Blockages or Restriction

Look for kinks, clogged radiators, or algae buildup. Flush the loop if necessary with distilled water or a cleaning solution.

Notes:

☐ Monitor CPU/GPU Temperatures

Use software like HWiNFO or CoreTemp. Normal temps should be below 40°C idle and 70-75°C under load. High temps suggest a cooling issue.

Notes:

☐

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Properly Bleed the Loop of Air Bubbles

Gently tilt and rotate your case. Run the pump with no other hardware powered on to bleed air out. Make sure the reservoir is the highest point.

Notes:
