Prompt to Improve the Bouncing Ball Game

You are an expert HTML5 and JavaScript game developer. I have created a simple canvas-based bouncing ball game with bricks, levels, lives, and power-ups (ice ball, fire ball, extra life). The game already has:  
  
- A paddle controlled by keyboard/mouse  
- A ball that bounces and breaks bricks  
- Score, lives, and levels tracking  
- Stylish scoreboard panel  
- Animated background  
- Confetti celebration when a level is completed  
- Power-ups that drop from bricks (ice ball, fire ball, extra life)  
  
I want you to \*\*improve and polish this game further\*\*. Here are the specific improvements I would like you to add:  
  
1. Visual & UI Enhancements:  
 - Add glowing and particle effects when the ball hits bricks or the paddle.  
 - Highlight the paddle with a special aura when a power-up is active.  
 - Animate the scoreboard values smoothly when they change.  
  
2. Gameplay Features:  
 - Add new power-ups such as:  
 - Double Points (score multiplier for 10 seconds)  
 - Sticky Paddle (ball sticks for 2 seconds before launching again)  
 - Multi-Ball (splits into 3 balls for extra challenge)  
 - Add progressive difficulty scaling (bricks with multiple hit points, faster ball, shrinking paddle).  
 - Add a final “Victory Trophy Screen” when the player finishes the last level.  
  
3. Background & Atmosphere:  
 - Add smooth animated gradient transitions in the background.  
 - Include subtle ambient sound/music and distinct sound effects for events (brick break, power-up, level complete).  
 - Add a pause menu overlay with styled buttons.  
  
4. Extra Features:  
 - Add a high-score system saved in localStorage so scores persist across sessions.  
 - Add a restart level option.  
 - Make the game responsive and mobile-friendly with touch controls.  
  
When you improve the game, ensure:  
- The code remains clean, well-structured, and commented.  
- All features work seamlessly together.  
- Performance is smooth on both desktop and mobile browsers.  
  
Now, please generate the \*\*complete and final improved HTML/JS/CSS code\*\* in a single self-contained file with all these enhancements.