

INTERNAL DOCUMENTATION

PC Builder Plugin Customization Guide

WooCommerce-powered "Build Your Dream Gaming PC" page — AJAX category filtering, product grid, and live cart build summary. Reference for future edits.

Plugin: pc-builder-woo • Prepared for: S.L. Multimedia
Date: July 2026

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1 Plugin File Structure

The plugin is intentionally split so each type of change lives in its own file:

File	Controls
pc-builder-woo.php	Product query logic, category logic, AJAX handlers, cart logic
template/content-pc-builder.php	The actual HTML layout — banner, category sidebar, product grid, build sidebar. Most edits happen here.
template/page-pc-builder.php	Thin wrapper that calls your theme's <code>get_header()</code> / <code>get_footer()</code> . Do not edit unless changing how the page loads.
assets/css/pc-builder.css	Colors, spacing, grid columns, banner design, responsive behaviour
assets/js/pc-builder.js	AJAX behaviour — category filter, sort, load more, add/remove from build

2 Installing / Updating the Plugin

1. **WP Admin → Plugins → Add New → Upload Plugin** → select the zip → **Install Now → Activate**.
2. **WP Admin → Pages → Add New** → give it a title → in **Page Attributes → Template**, choose "**PC Builder**" → Publish.
3. Open the page using its normal permalink (never open the .php file directly by URL).

Updating after edits

Edit files directly via FTP / hosting File Manager inside `wp-content/plugins/pc-builder-woo/` — changes apply immediately, no re-upload needed. If editing locally, re-zip the folder and re-upload through Plugins → Add New (it will overwrite the existing install while keeping it active).

3 Changing the Banner

Open `template/content-pc-builder.php` and find the `.pcb-hero` block.

Add a background image

```
<div class="pcb-hero" style="background-image:url('php echo esc_url( PCB_PLUGIN_URL . 'assets/img/banner.jpg' ); ?&gt;');"&gt;</pre
```

Place your image file inside a new folder: `assets/img/banner.jpg`

Change headline / description text

```
<h1>BUILD YOUR<br><span>DREAM GAMING PC</span></h1>
<p>Choose the best components and build a PC that matches your style and performance needs.</p>
```

Adjust how the image displays

In `assets/css/pc-builder.css`, inside `.pcb-hero`:

```
.pcb-hero {
    background-size: cover;
    background-position: center;
}
```

4 Showing / Hiding / Filtering Categories

In `template/content-pc-builder.php`, the category list comes from:

```
$categories = get_terms( array(
    'taxonomy' => 'product_cat',
    'hide_empty' => true,
) );
```

Show only specific categories

```
$categories = get_terms( array(
    'taxonomy' => 'product_cat',
    'hide_empty' => true,
    'slug' => array( 'processor', 'motherboard', 'graphics-card' ),
) );
```

Hide specific categories

```
$categories = get_terms( array(
    'taxonomy' => 'product_cat',
    'hide_empty' => true,
    'exclude' => array( 15, 22 ), // category IDs
) );
```

Finding a category ID

WP Admin → Products → Categories → hover the category name → the ID shows in the link at the bottom of the browser, e.g. `tag_ID=15`.

5 Adding Conditions to the Product List

Open `pc-builder-woo.php` and find the function `pcb_render_products()` . The query arguments live in `$args` :

```
$args = array(
    'status' => 'publish',
    'limit'   => $per_page,
    'page'    => $paged,
    'paginate' => true,
);
```

Add any of these inside the same array:

Only featured products

```
$args['featured'] = true;
```

Only a specific tag

```
$args['tag'] = array( 'gaming' );
```

Only in-stock items

```
$args['stock_status'] = 'instock';
```

Price range

```
$args['meta_query'] = array(
    array(
        'key'      => '_price',
        'value'    => array( 1000, 50000 ),
        'compare'  => 'BETWEEN',
        'type'     => 'NUMERIC',
    ),
);
```

Note

This function is used for BOTH the initial page load and the AJAX "Load More" / filter requests, so any condition added here applies everywhere automatically.

6 Changing the Layout

All layout and design values live in `assets/css/pc-builder.css`.

Number of grid columns

```
.pcb-grid {  
  grid-template-columns: repeat(4, 1fr); /* change 4 to 3 or 5 */  
}
```

"Your Build" sidebar width

```
.pcb-top {  
  grid-template-columns: 1fr 320px; /* change 320px */  
}
```

Category sidebar width

```
.pcb-body {  
  grid-template-columns: 220px 1fr; /* change 220px */  
}
```

Brand colors

Defined once at the top of `.pcb-wrap` and used throughout the file:

```
.pcb-wrap {  
  --pcb-blue: #1e4fd8;  
  --pcb-blue-dark: #10306e;  
  --pcb-purple: #6b2fd6;  
}
```

7 Reordering Sections on the Page

In `template/content-pc-builder.php`, the page is built from these blocks, in this order:

Block	CSS Class
Banner	<code>.pcb-hero</code>
Your Build sidebar	<code>.pcb-build-box</code>
Category sidebar	<code>.pcb-cat-sidebar</code>
Product grid area	<code>.pcb-products-area</code>

Since the layout uses CSS Grid, you can reorder the HTML blocks directly, or leave the HTML order as-is and use the CSS `order` property on each class to change the visual order without touching the markup.

8 How the Cart & Checkout Flow Works

- **Add to Build** — clicking "+ Add" triggers an AJAX call (`pcb_add_to_cart`) that calls WooCommerce's own `WC()->cart->add_to_cart()` . The item is added to the real WooCommerce cart, not a separate system.
- **Your Build sidebar** — reflects the live WooCommerce cart contents via `pcb_render_build_sidebar()` , refreshed after every add/remove.
- **Remove (x)** — calls `pcb_remove_from_cart` , which removes that line item from the WooCommerce cart.
- **Total Estimated Price** — pulled directly from `WC()->cart->get_cart_total()` .
- **Proceed to Checkout** — links to `wc_get_checkout_url()` , so the rest of the flow (cart page, checkout, payment gateway, order confirmation) is 100% standard WooCommerce — nothing custom happens after this click.

9 Common Issues & Troubleshooting

Symptom	Likely Cause / Fix
Blank white page	Opening the .php file directly by URL instead of through the WordPress page. Always open via the page's permalink.
"PC Builder" template not showing in dropdown	Plugin not activated, or the active theme/page builder overrides template selection — use the <code>[pc_builder]</code> shortcode instead as a fallback.
Products not loading / grid stays empty	WooCommerce not active, or no published products exist in the store.
"+ Add" button does nothing	Check browser console for JS errors; confirm jQuery is loaded by the theme; confirm <code>admin-ajax.php</code> is reachable (no security plugin blocking it).
Styling looks broken / clashes with theme	All plugin CSS is prefixed with <code>.pcb-</code> to avoid conflicts — check for theme CSS with very high specificity overriding it.

Enable debug mode for real error messages

In `wp-config.php` , set:
`define('WP_DEBUG', true);`
This surfaces the actual PHP error instead of a blank page, which makes diagnosing issues much faster.