

Bootstrap

Bootstrap is a widely used open-source front-end framework that helps developers design responsive and mobile-friendly websites quickly. It comes with a built-in 12-column grid system, pre-styled components such as buttons, forms, navigation bars, modals, and carousels, as well as powerful JavaScript plugins. By using Bootstrap, developers can save time and effort since they don't need to write custom CSS for common design elements. One of its main advantages is ensuring that websites automatically adjust and look good on all screen sizes, from desktops to smartphones. The latest version, Bootstrap 5, is lightweight, modern, and no longer depends on jQuery, making it more efficient for today's web development.

Bootstrap Tags:

Tag	Class Example	Usage in Bootstrap
<div>	class="container"	Creates a fixed-width responsive container.
<div>	class="row"	Defines a horizontal row in the grid system.
<div>	class="col-6"	Creates a column (half width) inside a row.
<button>	class="btn btn-primary"	Creates a styled button (blue by default).
<button>	class="btn btn-success"	Green success button.
<nav>	class="navbar navbar-expand-lg navbar-light bg-light"	Responsive navigation bar.
<form>	class="form-control" (on inputs)	Styles input fields, textareas, and selects.
<table>	class="table table-striped"	Styled table with striped rows.
	class="img-fluid"	Makes images responsive (auto scales).
<div>	class="card"	Creates a card-style UI component.
<div>	class="alert alert-warning"	Creates a yellow alert box.
	class="badge bg-danger"	Displays a badge (red by default).
	class="list-group"	Styled list group.
<a>	class="btn btn-link"	Styles a link to look like a button.
<div>	class="progress" with class="progress-bar"	Creates a progress bar.

Example:

```
index.html Bootstrap.html X
Example > Bootstrap.html > html > body
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="utf-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1">
6 <title>Zenbyte Laptops</title>
7 <!-- Bootstrap CSS -->
8 <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet">
9 </head>
10 <body>
11 <!-- Header / Nav -->
12 <header class="bg-dark text-white p-3">
13 <div class="container d-flex justify-content-between align-items-center">
14 <div class="h1" Zenbyte Laptops /h1>
15 <div>
16 <a href="#" class="text-white me-3">Shop /a>
17 <a href="#" class="text-white me-3">Compare /a>
18 <a href="#" class="text-white">Contact /a>
19 </div>
20 </div>
21 </header>
22
23 <!-- Hero -->
24 <section class="container my-5 text-center">
25 <div>Powerful laptops for creators, gamers, and pros.</div>
26 <div>Browse lightweight ultrabooks, gaming rigs, and workstation laptops. Free shipping over $999 and a 2-year warranty on all models.</div>
27 <form class="d-flex justify-content-center">
28 <input class="form-control w-50 me-2" type="search" placeholder="Model, CPU, RAM">
29 <button class="btn btn-primary">Find</button>
30 </form>
31 </section>
32
33 <!-- Products -->
34 <section id="shop" class="container my-5">
35 <div class="h2">Featured Laptops</div>
36 <div class="row g-4">
37 <div class="col-md-3">
38 <div class="card h-100">
39 <div class="card-body">
40 <div class="card-title">ZenBook Air 15</div>
41 <div class="card-text">Intel i5 • 16GB • 512GB SSD • 13.3" FHD • 1.1 kg</div>
42 <div class="text">$999</div>
43 <a href="#" class="btn btn-outline-primary">Details /a>
44 <a href="#" class="btn btn-success">Add to Cart /a>
45 </div>
46 </div>
47 </div>
48 <div class="col-md-3">
49 <div class="card h-100">
50 <div class="card-body">
51 <div class="card-title">Pulse 15 Gaming</div>
52 <div class="card-text">Ryzen 7 • RTX 4060 • 16GB • 15.6" 144Hz • 2.2 kg</div>
53 <div class="text">$1,499</div>
54 <a href="#" class="btn btn-outline-primary">Details /a>
55 <a href="#" class="btn btn-success">Add to Cart /a>
56 </div>
57 </div>
58 </div>
59 <div class="col-md-3">
60 <div class="card h-100">
61 <div class="card-body">
62 <div class="card-title">Creator Pro 16</div>
63 <div class="card-text">Intel i7 • 32GB • 1TB • 16" 4K OLED • 1.9 kg</div>
64 <div class="text">$1,899</div>
65 <a href="#" class="btn btn-outline-primary">Details /a>
66 <a href="#" class="btn btn-success">Add to Cart /a>
67 </div>
68 </div>
69 </div>
70
71 <!-- Comparison Table -->
72 <section id="compare" class="container my-5">
73 <div>Quick Compare</div>
74 <table class="table-bordered table-striped text-center">
75 <thead>
76 <tr>
77 <th>Model</th>
78 <th>CPU</th>
79 <th>GPU</th>
80 <th>RAM</th>
81 <th>Storage</th>
82 <th>Screen</th>
83 <th>Weight</th>
84 <th>Price</th>
85 </tr>
86 </thead>
87 <tbody>
88 <tr>
89 <td>ZenBook Air 15</td>
90 <td>Intel i5</td>
91 <td>Intel Iris</td>
92 <td>16GB</td>
93 <td>512GB</td>
94 <td>13.3" FHD</td>
95 <td>1.1 kg</td>
96 <td>$999</td>
97 </tr>
98 <tr>
99 <td>Pulse 15 Gaming</td>
100 <td>Ryzen 7</td>
101 <td>RTX 4060</td>
102 <td>16GB</td>
103 <td>1TB</td>
104 <td>15.6" 144Hz</td>
105 <td>2.2 kg</td>
106 <td>$1,499</td>
107 </tr>
108 <tr>
109 <td>Creator Pro 16</td>
110 <td>Intel i7</td>
111 <td>RTX 4090</td>
112 <td>32GB</td>
113 <td>1TB</td>
114 <td>16" 4K OLED</td>
115 <td>1.9 kg</td>
116 <td>$1,899</td>
117 </tr>
118 <tr>
119 <td>NewMate 17</td>
120 <td>Intel i9</td>
121 <td>RTX A2000</td>
122 <td>64GB</td>
123 <td>2TB</td>
124 <td>17" QHD</td>
125 <td>2.6 kg</td>
126 <td>$2,499</td>
127 </tr>
128 </tbody>
129 </table>
130 </section>
131
132 <!-- Contact Form -->
133 <section id="contact" class="container my-5">
134 <div>Contact & Support</div>
135 <form class="row g-3">
136 <div class="col-md-6">
137 <input type="text" class="form-control" name="name" required>
138 </div>
139 <div class="col-md-6">
140 <input type="text" class="form-control" name="email" required>
141 </div>
142 <div class="col-12">
143 <input type="text" class="form-control" name="message" required>
144 </div>
145 <div class="col-12">
146 <button type="submit" class="btn btn-primary">Send</button>
147 </div>
148 </form>
149 </section>
150
151 <!-- Footer -->
152 <div class="bg-dark text-white text-center py-3">
153 <div>© 2025 Zenbyte Laptops</div>
154 </div>
155
156 <!-- Bootstrap JS -->
157 <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"></script>
158 </body>
159 </html>
```

```
index.html Bootstrap.html X
Example > Bootstrap.html > html > body
1 <html lang="en">
2 <body>
3 <div class="shop" class="container my-5">
4 <div class="row g-4">
5 <div class="col-md-3">
6 <div>
7 </div>
8 </div>
9 </div>
10 </div>
11
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69 </tbody>
70 </table>
71 </section>
72
73 <!-- Contact Form -->
74 <section id="contact" class="container my-5">
75 <div>Contact & Support</div>
76 <form class="row g-3">
77 <div class="col-md-6">
78 <input type="text" class="form-label" name="name" required>
79 </div>
80 <div class="col-md-6">
81 <input type="text" class="form-label" name="email" required>
82 </div>
83 <div class="col-12">
84 <input type="text" class="form-label" name="message" required>
85 </div>
86 <div class="col-12">
87 <button type="submit" class="btn btn-primary">Send</button>
88 </div>
89 </form>
90 </section>
91
92 <!-- Footer -->
93 <div class="bg-dark text-white text-center py-3">
94 <div>© 2025 Zenbyte Laptops</div>
95 </div>
96
97 <!-- Bootstrap JS -->
98 <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"></script>
99 </body>
100 </html>
```

Output:

ZenByte Laptops

ShopCompareContact

Powerful laptops for creators, gamers, and pros.

Browse lightweight ultrabooks, gaming rigs, and workstation laptops. Free shipping over \$999 and a 2-year warranty on all models.

Model, CPU, RAMFind

Featured Laptops

ZenBook Air 13

Intel i5 • 16GB • 512GB SSD • 13.3" FHD • 1.1 kg

\$999

DetailsAdd to Cart

Pulse 15 Gaming

Ryzen 7 • RTX 4060 • 16GB • 15.6" 144Hz • 2.2 kg

\$1,399

DetailsAdd to Cart

Creator Pro 16

Intel i7 • 32GB • 1TB • 16" 4K OLED • 1.9 kg

\$1,899

DetailsAdd to Cart

WorkMate 17

Intel i9 • RTX A2000 • 64GB • 2TB • 17" QHD • 2.6 kg

\$2,499

DetailsAdd to Cart

Quick Compare

Model	CPU	GPU	RAM	Storage	Screen	Weight	Price
ZenBook Air 13	Intel i5	Intel Iris	16GB	512GB	13.3" FHD	1.1 kg	\$999
Pulse 15 Gaming	Ryzen 7	RTX 4060	16GB	1TB	15.6" 144Hz	2.2 kg	\$1,399
Creator Pro 16	Intel i7	RTX 4050	32GB	1TB	16" 4K OLED	1.9 kg	\$1,899
WorkMate 17	Intel i9	RTX A2000	64GB	2TB	17" QHD	2.6 kg	\$2,499

Contact & Support

FHD • 1.1 kg

\$999

DetailsAdd to Cart

144Hz • 2.2 kg

\$1,399

DetailsAdd to Cart

1.9 kg

\$1,899

DetailsAdd to Cart

QHD • 2.6 kg

\$2,499

DetailsAdd to Cart

Quick Compare

Model	CPU	GPU	RAM	Storage	Screen	Weight	Price
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Pulse 15 Gaming	Ryzen 7	RTX 4060	16GB	1TB	15.6" 144Hz	2.2 kg	\$1,399
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WorkMate 17	Intel i9	RTX A2000	64GB	2TB	17" QHD	2.6 kg	\$2,499

Contact & Support

Name

Email

Message

Send

© 2025 ZenByte Laptops