

# FUNCTIONAL REQUIREMENTS

Product Name: OpenCart (Frontend)



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## Overview

OpenCart is a cost free open source e-commerce platform for online merchants. It provides a professional and reliable foundation from which to build a successful online store. There are a wide variety of users who will benefit from this foundation, from experienced web developers seeking a user-friendly interface to launching their business online for the first time to shop owners new to the online world.

Its extensive features give you complete control over your store's customization. With OpenCart's tools, you can help your online shop reach its full potential.

## Requirements

To run an OpenCart store, certain technical requirements must be met. To make the store publicly accessible on the web, a web server must be installed. Domain names and hosting services can easily be purchased.

The following server requirements should be installed on the web servers of the hosting service you choose:

For OpenCart to work properly on the web server, these extensions must be enabled.

- PHP 5.4
- jQuery 2.1.1
- JavaScript
- Database (MySQL suggested)
- Web Server (Apache suggested)

## Opencart Frontend

This Document is intended to be used as an introduction to the OpenCart default store front. The store front reveals how the customer views and interacts with the store.



Currency ▼

123456789 My Account ▼ Wish List (0) Shopping Cart Checkout

## Your Store

Search



0 item(s) - \$0.00

Desktops Laptops & Notebooks Components Tablets Software Phones & PDAs Cameras MP3 Players



### Featured



#### MacBook

Intel Core 2 Duo processor Powered by an Intel Core 2 Duo processor at speeds up to 2.1..

\$602.00  
Ex Tax: \$500.00

ADD TO CART



#### iPhone

iPhone is a revolutionary new mobile phone that allows you to make a call by simply tapping a nam..

\$123.20  
Ex Tax: \$101.00

ADD TO CART



#### Apple Cinema 30"

The 30-inch Apple Cinema HD Display delivers an amazing 2560 x 1600 pixel resolution. Designed sp..

\$110.00 \$122.00  
Ex Tax: \$90.00

ADD TO CART



#### Canon EOS 5D

Canon's press material for the EOS 5D states that it 'defines (a) new D-SLR category', while we'r..

\$98.00 \$122.00  
Ex Tax: \$80.00

ADD TO CART



#### Information

About Us  
Delivery Information  
Privacy Policy  
Terms & Conditions

#### Customer Service

Contact Us  
Returns  
Site Map

#### Extras

Brands  
Gift Certificates  
Affiliate  
Specials

#### My Account

My Account  
Order History  
Wish List  
Newsletter

Powered By OpenCart  
Your Store © 2018

In the OpenCart installation, the products shown above are included as sample data. These products can be easily removed and replaced with the shop's products.

<https://www.opencart.com/>

# Navigating the shop

A shop's customers can easily navigate its products with the OpenCart default theme.

## Home page

The shop's home page is crucial for presentation. It's often the first customer interaction, especially from search engine referrals. Make it captivating to engage visitors and leave a positive impression. The shop's homepage needs to be user-friendly, while at the same time highlighting the shop's products.

To acquaint oneself with the store front, begin by comprehending the layout of the default OpenCart homepage. Understanding its anatomy is the initial step towards familiarity.

## The header

The header will be displayed at the top of the page, on every page of the store; not just the home page.



The header has the following navigation options:

- **Store logo**: Clicking on this logo will direct the customer back to the home page of the store.
- **Currency block**: The customer can select which currency the store's products will be in by clicking on any of the currency icons.
- **Shopping Cart**: Displays the number of items purchased, and the total price of the order. Clicking on the button will containing all of products added to the cart and an option to "View Cart" or "Checkout".
- **Search box**: The customers can type in the search box to search for a product within the store's product categories.
- **Links**: Links the customer to the Home page, Wish List, My Account, Shopping Cart, and Checkout.
- **Telephone**: Company telephone number.
- **My Account**: Customer can register or login from here.

## The top menu

The top menu category only displays the top parent categories of products.

The top menu, like the header, appears on all pages of the website. When customers hover over a category, a drop-down menu reveals the sub-categories associated with that parent category.

Desktops   Laptops & Notebooks   Components   Tablets   Software   Phones & PDAs   Cameras   MP3 Players

When a parent category is clicked, the customer will be directed to the category page, which displays all the products within that category.

## Slideshow

The slideshow showcases product banners that rotate in sequence, allowing you to feature preferred products. Clickable banners direct customers to the respective product pages, making it convenient for them to access highlighted items.







Unlike the top menu and header, the OpenCart default slideshow is exclusively visible on the home page in its current position.

## Featured products

OpenCart provides the flexibility to showcase handpicked products on the home page according to your preferences.

## Featured

 <p><b>MacBook</b></p> <p>Intel Core 2 Duo processor Powered by an Intel Core 2 Duo processor at speeds up to 2.1...</p> <p><b>\$602.00</b> Ex Tax: \$500.00</p> <p>ADD TO CART</p>	 <p><b>iPhone</b></p> <p>iPhone is a revolutionary new mobile phone that allows you to make a call by simply tapping a nam..</p> <p><b>\$123.20</b> Ex Tax: \$101.00</p> <p>ADD TO CART</p>	 <p><b>Apple Cinema 30"</b></p> <p>The 30-inch Apple Cinema HD Display delivers an amazing 2560 x 1600 pixel resolution. Designed sp..</p> <p><b>\$110.00</b> <del>\$122.00</del> Ex Tax: \$90.00</p> <p>ADD TO CART</p>	 <p><b>Canon EOS 5D</b></p> <p>Canon's press material for the EOS 5D states that it 'defines (a) new D-SLR category', while we'r..</p> <p><b>\$98.00</b> <del>\$122.00</del> Ex Tax: \$80.00</p> <p>ADD TO CART</p>
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In the Featured section, customers can find product images, names, prices, and a direct "Add to Cart" option for easy purchasing.

The carousel is only located on the Home Page in the default.

## Footer

Situated at the bottom of every page, not just the Home Page, the footer contains a collection of miscellaneous links that assist customers in easily accessing relevant pages not found elsewhere.

The footer's organizational structure can be categorized into the following sections:

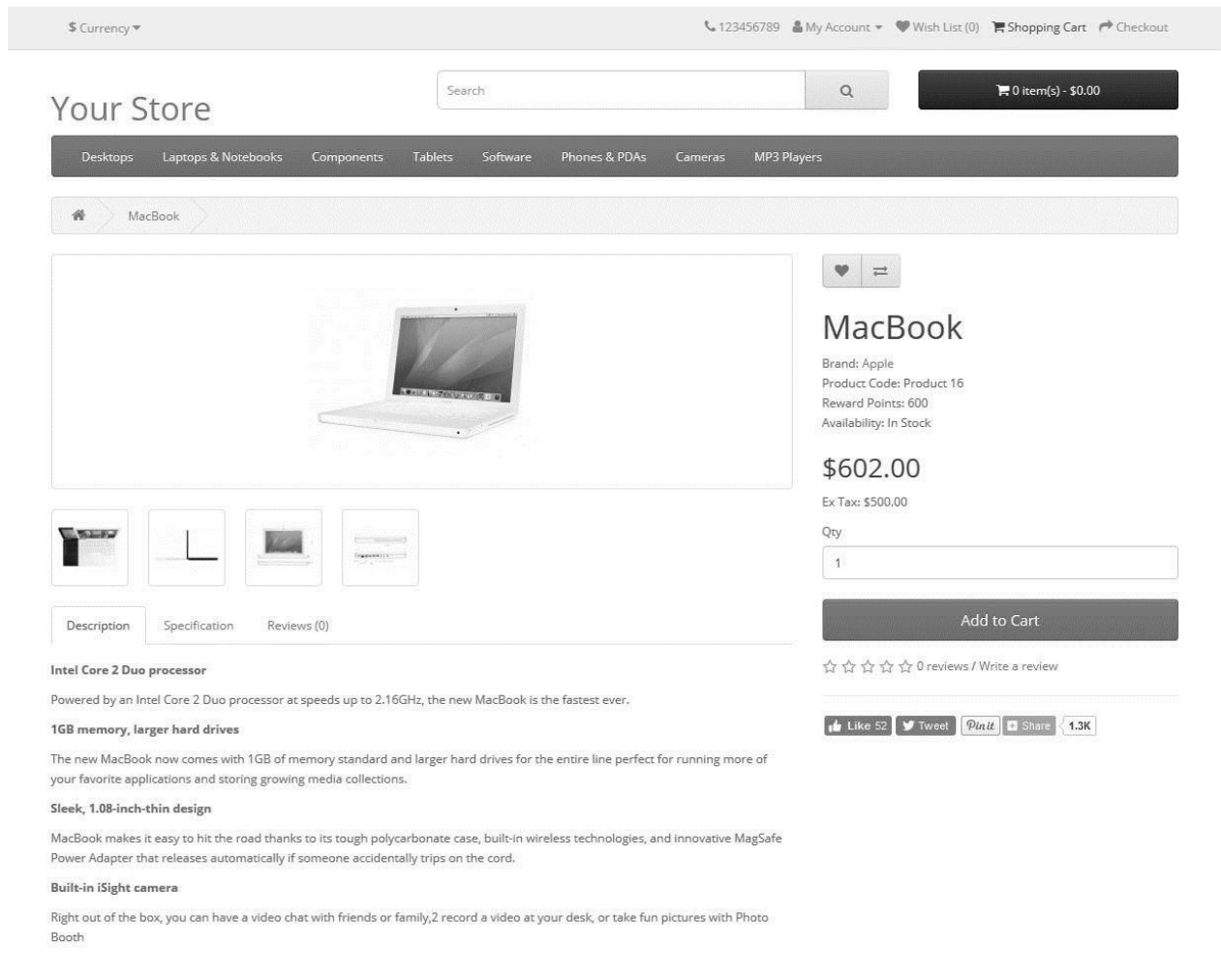
- **Information:** "About Us", "Delivery Information", "Privacy Policy", "Terms & Conditions"
- **Customer Service:** "Contact Us", "Returns", "Site Map"
- **Extras:** "Brands", "Gift Vouchers", "Affiliates", "Specials"
- **My Account:** "My Account", "Order History", "Wish List", "Newsletter"

<p><b>Information</b></p> <p>About Us</p> <p>Delivery Information</p> <p>Privacy Policy</p> <p>Terms &amp; Conditions</p>	<p><b>Customer Service</b></p> <p>Contact Us</p> <p>Returns</p> <p>Site Map</p>	<p><b>Extras</b></p> <p>Brands</p> <p>Gift Certificates</p> <p>Affiliate</p> <p>Specials</p>	<p><b>My Account</b></p> <p>My Account</p> <p>Order History</p> <p>Wish List</p> <p>Newsletter</p>
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Your Store © 2018

## Product pages

The OpenCart default product page will follow the structural format seen below.



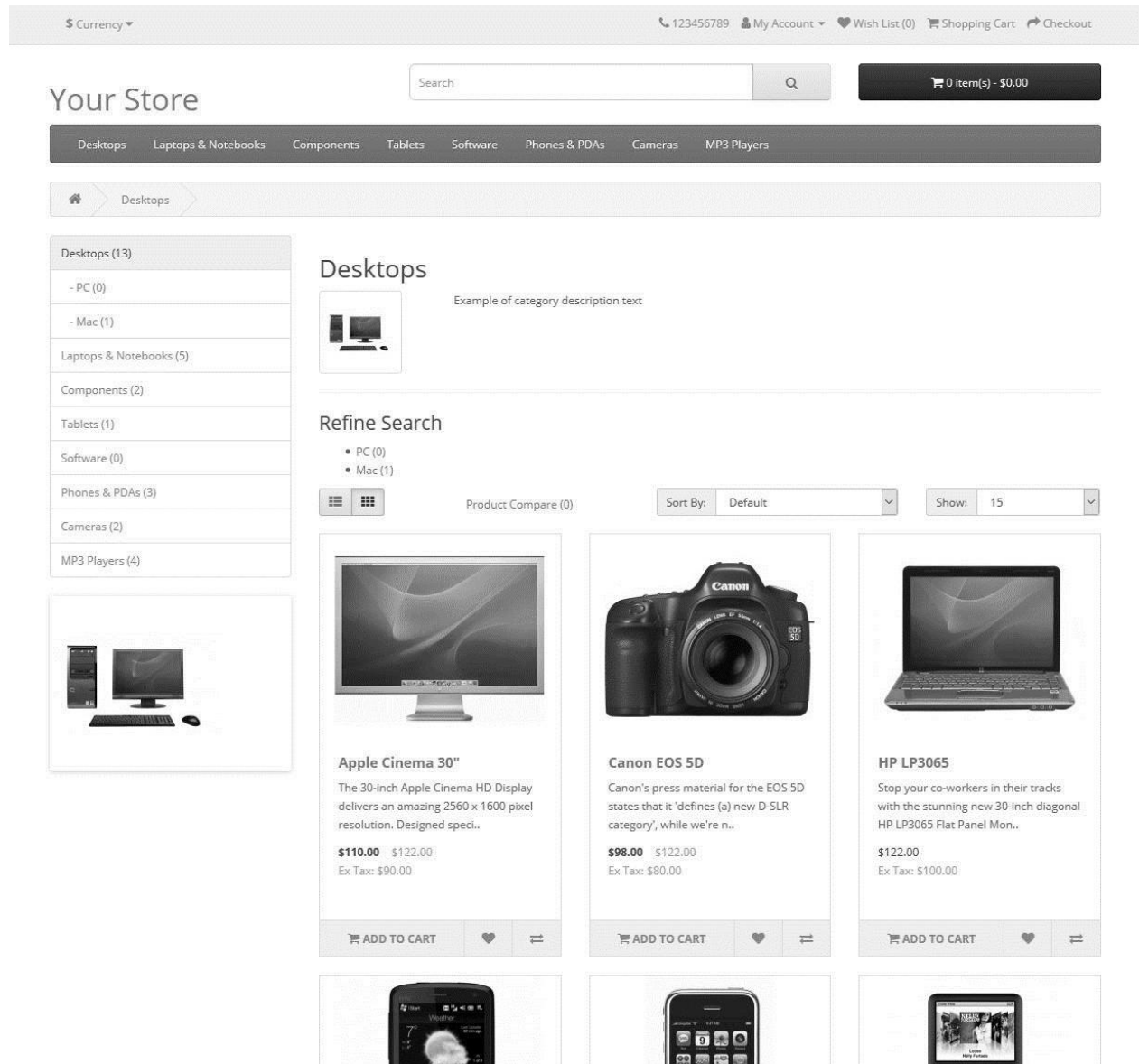
The product page can be divided into the following sections:

- **Product image:** The product image can be displayed under the title on the left-side, along with alternate views of the product underneath it in smaller box. Clicking on the main image will expand the image within the window for the customer to see it in greater detail.
- **Product details:** The product code, availability, and price are displayed just right to the product image.
- **Cart:** The customer can select a quantity and add the product to their cart, wish list, or compare.
- **Rating/Sharing:** Underneath the cart can rate the product and/or share the product on different social media websites.
- **Description tab:** An area underneath the main product information to provide a detailed description of the product.
- **Review tab:** An area for the customer to write a review on the product.

## Category product listings



Customers can use category product listings to explore products that are similar to others within the same category. This feature is particularly beneficial for those looking to compare different products, which will be elaborated further under the Categories section. Accessing the category page is possible through various means, including clicking on parent categories from the top menu or selecting a category from the left side category block while browsing product pages.



As observed earlier, the left-side category block is also present on the product page. Beneath the Category title, there's room to include a description for the category. The "Refine Search" feature leads users to explore sub-categories within the main category. Customers have the flexibility to view products either in a list or grid format. The displayed image above is sorted in the listing format. Additionally, the "Sort By" box allows products to be arranged based on name, price, rating, or model as per the customer's preference.





Customers have the option to adjust the number of products shown in the product listing by using the "Show" feature, allowing them to display anywhere from 15 to 100 products per page.

Within the category section, each product is allocated dedicated space, presenting its image, description, price, and an "Add to Cart" button. Customers can also add the product to their wish list for future consideration. Additionally, a convenient "Add to Compare" option is available to help users compare different products side by side.

## Product compare

The "Add to Compare" feature in the product section allows the customer to compare the different specifications, features, and price of a number of products s/he might be interested in.


### Product Comparison

Product Details		
Product	MacBook	MacBook Air
Image		
Price	\$602.00	\$1,202.00
Model	Product 16	Product 17
Brand	Apple	Apple
Availability	In Stock	In Stock
Rating	☆☆☆☆☆ Based on 0 reviews.	☆☆☆☆☆ Based on 0 reviews.
Summary	Intel Core 2 Duo processor Powered by an Intel Core 2 Duo processor at speeds up to 2.16GHz, the new MacBook is the fastest ever. 1GB memory, larger hard drives The new MacBoo..	MacBook Air is ultrathin, ultraportable, and ultra unlike anything else. But you don't lose inches and pounds overnight. It's the result of rethinking conventions. Of multiple wireless ..
Weight	0.00kg	0.00kg
Dimensions (L x W x H)	0.00mm x 0.00mm x 0.00mm	0.00mm x 0.00mm x 0.00mm
<b>Memory</b>		
test 1	8gb	
<b>Processor</b>		
No. of Cores	1	
	<a href="#">Add to Cart</a>	<a href="#">Add to Cart</a>
	<a href="#">Remove</a>	<a href="#">Remove</a>




Customers are granted the choice to add one of the compared products to the cart, should they wish to make a purchase decision. Upon clicking "Continue," the user is seamlessly redirected back to the home page for a smooth browsing experience.

## Shopping Cart page

After adding a product to their cart, customers can conveniently access the shopping cart by clicking on the "Shopping Cart" link in the header section.

 Shopping Cart

### Shopping Cart (10.00kg)

Image	Product Name	Model	Quantity	Unit Price	Total
	iPhone ***	product 11	<input type="text" value="1"/>  	\$123.20	\$123.20

What would you like to do next?

Choose if you have a discount code or reward points you want to use or would like to estimate your delivery cost.

Use Coupon Code ▾

Estimate Shipping & Taxes ▾

Use Gift Certificate ▾

Sub-Total:	\$101.00
Eco Tax (-2.00):	\$2.00
VAT (20%):	\$20.20
Total:	\$123.20

The shopping cart provides a comprehensive summary of the selected product, featuring essential details like "Image," "Product Name," "Model," "Quantity," "Unit Price," and "Total." Customers can avail themselves of various options, such as applying coupon codes or gift vouchers, or estimating shipping and taxes before proceeding to checkout. For further shopping, the "Continue Shopping" button conveniently directs users back to the homepage.

## Creating an account

Prior to proceeding with the checkout process, customers must choose between two options: "Guest Checkout" or "Log into their Account." Opting for "Guest Checkout" allows them to proceed without requiring any login details. However, returning customers may prefer to create an account with the store for a more personalized experience and easy access to their order history.

There are a few ways a customer can make an account:



## 1. Checkout

Shopping Cart Checkout

### Checkout

Step 1: Checkout Options ▾

#### New Customer

Checkout Options:

☒ Register Account  
☐ Guest Checkout

By creating an account you will be able to shop faster, be up to date on an order's status, and keep track of the orders you have previously made.

Continue

#### Returning Customer

I am a returning customer

E-Mail

E-Mail

Password

Password

Forgotten Password

Login

Step 2: Account & Billing Details

Step 3: Delivery Details

Step 4: Delivery Method

Step 5: Payment Method

Step 6: Confirm Order

Step 1 of the check out process allows the user to make an account before continuing with payment. Selecting "Register Account" will change Step 2 of checkout from Billing to Account & Billing details. Account & Billing asks for the same personal details as Billing, except that it asks for the user to create a password for their account. After Step 2 is completed, the customer may continue with the checkout process.

## 2. Header- "My Account"

Currency ▾ 123456789 My Account ▾ Wish List (0) Shopping Cart Checkout

Register  
Login

opencart

Search

1 item(s) - \$123.20

Desktops Laptops & Notebooks Components Tablets Software Phones & PDAs Cameras MP3 Players

Clicking "My Account" in the header will show the option for customer to the Login or create account. This page gives the customer an option to log in if they already have an account, or create a new account. In the "New Customer" section the customer can click "Continue" under Register Account to be directed to the "Register an Account" page.

# Checkout

Once a product has been added to the cart, the customer can continue to the checkout to make their product purchase. The Checkout page can be accessed in the header section of every page (found under the search box). Customer checkout using OpenCart is a simple process that can be completed in 6 steps.

## **1. Step 1: Checkout options**

The customer can log into or register their account (as explained above), or select guest checkout.

## **2. Step 2: Billing details**

Personal details including "First Name", "Last Name", "E-mail", and "Telephone" are filled into a form. It also requires the customer's address details.

## **3. Step 3: Delivery details**

In Billing Details, the user can check a box to indicate that the delivery details and billing details are the same. This will cause it to skip over this step to Delivery Method. If the delivery details are different from the billing details the customer can enter this information in a form in this section.

## **4. Step 4: Delivery method**

A method of shipping is selected here. A comment box is added for the customer to add comments about their order.

## **5. Step 5: Payment method**

The customer selects their method of payment here and may add comments in the comment box.

## **6. Step 6: Confirm order**

In this last step, the customer will see an overview of their purchase; including the product description, quantity, and price (with tax & shipping).