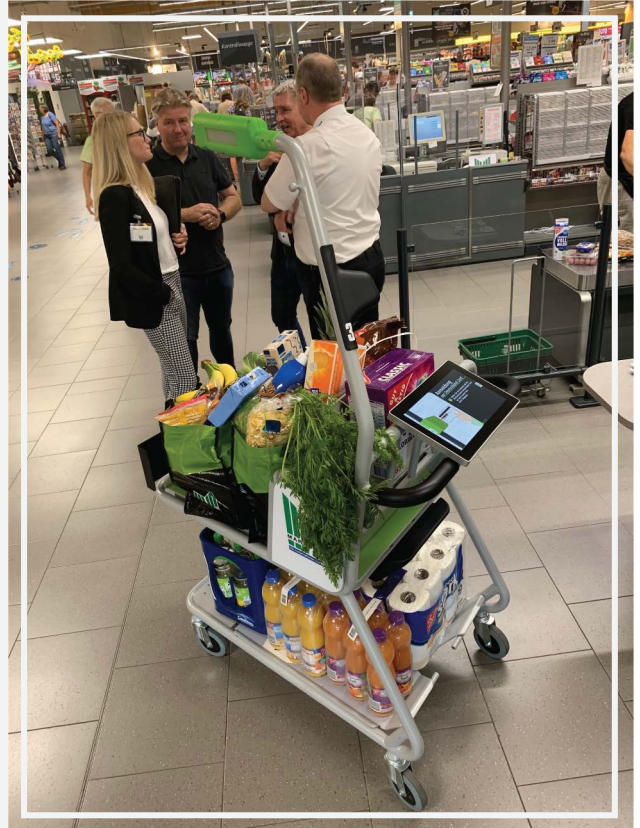


EASY Shopper

The **EASY Shopper** is the perfect solution for **supermarket automation** or any other similar application, it gives customers, store managers and retailers a complete new experience to shopping! The **EASY Shopper** is basically the 'All-in-One' tool for any large supermarket wishing to be one step ahead from their competitors.



EASY Shopper Benefits - Customers

Benefits for Customers

It is the smartest in-store shopping experience which enables customers to manage the entire shopping process!



Save Time

- Cashless payment, no need to queue!



It is Convenient

- Search and navigate to specific products.



Save Money

- All special offers and discounts at a glance.



It is Effective

- Integrated and transferrable shopping list.



EASY Shopper Benefits - Implementors

Benefits for Store Managers

It is the most innovative in-store shopping solution with sophisticated technology and high user acceptance rate.

Reduce costs

- Fewer cashiers, more cashless payments and lower theft rate.



Customer Focus

- More time available to dedicate to customer service.



Effective use of Space

- More space for promotions and enhancements.



Better day-to-day business

- Targeted promotions and improved price management.



Benefits for Retailers

It is the game changer of in-store shopping solutions with data, advanced analytics and comprehensive customer insights in a single solution!



Intelligent

- Targets the right person at the right time by tracking the exact position of the shopping cart!



Focused

- Advertisements based on the customer's behavior.



Strategic

- Promotional offers can be tailored to change behavior, to build brand equity and awareness.



Forward-Looking

- Satisfying customer experience leads to new opportunities for growth and profit.

EASY Shopper Features (part 1)

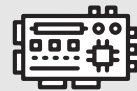
Housing



The EASY Shopper consists of an aluminum housing which is both strong and light. Besides this, the complete cart is IP65-rated, making it water- and dustproof. A spray paint coating will finish the design of the cart.

The CPU of the shopping cart is real industrial, making it suitable for any environment! It is powered by the powerful Intel® Pentium® N4200 QuadCore CPU 4GByte RAM, 128G SSD and Intel's HD Graphic chipset.

Powerful CPU



Operating System



There are different operating systems available to be used with the EASY Shopper, currently Linux Ubuntu or Windows 10 are the standard options. Software suits are possible upon discussion of the project!

The cart can be very easily charged overnight using the 2-pin connector on the side. The battery pack within the cart has a lifetime of at least 18 hours, making it a suitable application for any supermarket!

Battery (power supply)



Multi-touch LCD Screen



The EASY Shopper can be easily operated using a 10-point capacitive touch screen, edge-to-edge cover glass, with 7H and IK08 protection glass. Making the glass strong and robust! Besides this, the touch screen is optically bonded and has anti-glare surface treatment.

The EASY shopper has integrated Wi-Fi, in order to stay connected to the main hub and track all the statistics related to purchases, log-ins and any software problem that might occur. It is also the perfect method to implement software updates or change any internal settings using Wi-Fi.

Wi-Fi



EASY Shopper Features (part 2)

GSM (cellular)



This allows the shopping cart to stay connected at all times with the main hub. Even when the shopping cart is not in-range of the Wi-Fi. Especially convenient with stores having large parking lots!

In order to precisely track the position of each cart, there is a built-in GPS system. This will ensure the protection and safety of the shopping carts but also support the customers in finding their way around in the store itself!

GPS



Integrated camera



With two camera's, one on the top and one on the bottom, it is so easy to track the exact selected products. This camera is perfect in combination with any product recognition software in the market, making this a true industrial 4.0 product!

The loading cell accurately tracks the weight of each product which is loaded onto the cart with customizable options for bags, crates and any other packaging solution. This load cell is directly linked to the mainboard / PC to correctly track each product.

Load cell (scale)



Barcode scanner



The barcode scanner allows an overall easy-use of the shopping cart for the customers. It allows the customer to scan the products, but also the codes in APPs or on customer cards.

The EASY Shopper is equipped with a children seat in order to safely position the child into the cart. The maximum weight for this children seat is 15kg, but can be customized to hold more on request.

Children seat



EASY Shopper Specifications

Product name	EASY Shopper (wc 5.1)
Model No.	3030507625 / 3030507626

IP Rating	
IP65	

LCD Panel	
Screen diagonal (Inch/cm)	11.6/29.46
Display active screen size (cm)	25.63×14.42
Aspect ratio	16:9
Physical resolution	1920×1080
Colours displayed	16.7M
Brightness (cd/m ²)	300
Contrast	800:1
Typical reaction time Tr/ Tf (ms)	14/11
Visual Angle horizontal/vertical (°)	178/178
Backlight / Backlight Lifetime (hours)	LED / 50,000

Operation / Mechanical	
Operating Temperature (°C)	-20 ~ +60
Humidity Range (RH)	10% - 90%
Net weight (kg)	31.00
Housing Material	Aluminum frame with plastic covers and stainless steel screws
Housing (mm) L × W × H	1047.0 × 1758.0 × 648.0

PC System	
CPU	Intel® Pentium™ QuadCore N4200
Chipset	Intel® E3800
Graphic GPU	Intel® HD Graphics
Audio	Realtek ALC3251 Audio CODEC
Memory	1x 4GB DDR3L non-ECC
Storage	faytech Industrial 64GB SSD
Network	Realtek PCIe GB LAN 8111G; W-LAN
OS	Win10; Linux; 32Bit/64Bit

Touch Panel	
Touch Technology	Projected Capacitive 10-Point Multitouch
Touch Connector	All-in-One mini-DP
Touch Life (Contacts)	Unlimited
Surface Hardness	7H
Surface Treatment	Anti-Glare (chemical etching)

Power	
Power Supply	Lithium-ion Batteries (36.85Ah / 14.4V / 530.64Wh)
Working time (w/o charging)	18+ hours
Charging Station Power Supply (V)	24
Working Power (V)	12
Power Consumption (W)	14.5
Stand-By Consumption (W)	~1

External Connectors	
2-Pin battery charging connector	
2-Pin spring connector (bottom side for charging rail)	

