

TECHNICAL DATA SHEET

Q1 expert 800

Q1 expert 800 – flat, intuitive, efficient retail scale for assisted sales, self-service & labeling, offering optimal visibility and easy access



The Q1 expert combines a modular design with powerful performance, making it ideal for a wide range of applications. Printers and displays can be quickly exchanged via Plug & Play, while durable components like the linerless printer with cutter (up to 500,000 cuts) ensure longevity. The Easyload system enables paper changes in seconds. Its intuitive touchscreen interface makes operation simple for staff and customers. Ergonomic features such as carrying handles, a slim load platter, and adjustable displays support smooth daily workflows. The Q1 expert family offers various models and options, including cameras and multiple printer and display variants. Performance is scalable via a pluggable Smarc module with CPU and RAM. The Q1 expert runs on Windows 11 and offers a wide range of expansion options through software solutions such as MyOrder, Queuing solutions, object recognition or digital receipts.

Highlights

A modern, user-friendly GUI allows fast working and optimal operating processes

Modular design allows flexible system expansion as needed

Latest auto cutter technology with a long service life

Slim design ensures clear view and easy access

AI-supported object recognition (with camera)

Optimised printers with super-fast paper exchange concept

Applications

- ✓ Suitable for counter sales, self-service, price labeling/pre-packaging, and checkout
- ✓ Ideal for use in butcher shops, bakeries, supermarkets, delicatessens, bulk stores, hardware stores, and the hospitality industry

Options

Object recognition camera (standard stand; can be retrofitted)

Short stand (optional)

WiFi (2.4 / 5 GHz; can be retrofitted)

External second printer (standalone)

Second cash register drawer with Y-cable (optional)

Tilt compensation optional up to 2°. Default value up to 0.3°

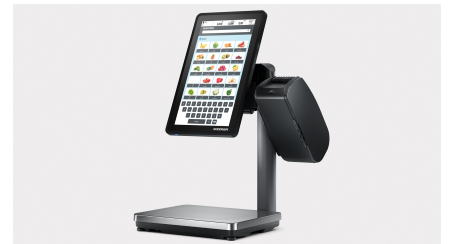
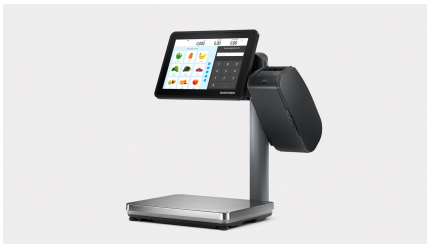
Energy-saving mode Wake on LAN. Info: Wake on LAN is not supported after the device has been disconnected from the power supply in sleep mode and is reconnected. In this case, the device must be switched on manually

Further Details

Displays: Capacitive screen, continuously adjustable, with Plug & Play integration for quick and flexible start-up

Printer: Plug & Play for easy maintenance. Various options (2"/3", standalone, dual printer)

Power consumption: 29.6 W in operation (12" operator display + 10" customer display), 1.5 W in stand-by mode – efficient and sustainable



Technical Data

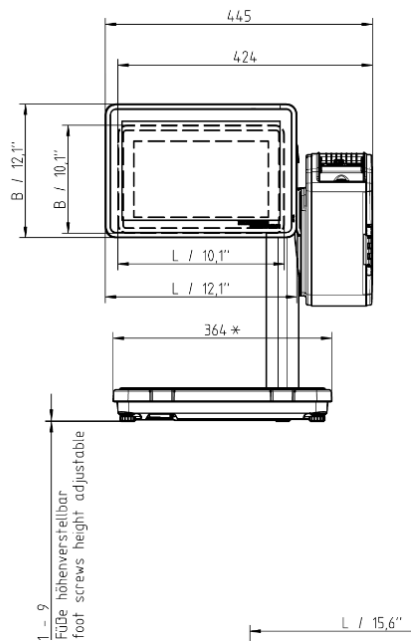
Specifications	Facts	Details
Dimensions & weight		
Color	signal black	
Dimensions range (L x W x H)/(D x W x H)	424 x 420 x 506 mm	Q1 expert 800 with 10"/10" Display
Installation area (L x W)	800: 325 x 360 mm	
Weight	ca. 13.7 kg	Q1 expert 800
Performance data		
Voltage variants	120 - 240 V	50 - 60 Hz, AC
Ambient conditions		
Ambient air humidity	max. 90% relative humidity (non-condensing)	
Temperature range	+14 °F to +104 °F / -10 °C bis +40 °C	
Scale information		
Accuracy class	III	
Approval information	CE UL	
Maximum load	30 kg 60 lb	
Weighing range	3/6 kg	e=1/2 g
	6 kg	e=2 g
	6/15 kg	e=2/5 g
	12 kg	e=2 g
	15/30 kg	e=5/10 g
	30 kg	e=5 g
	15/30 lb	e=0.005/0.01 lb
	30/60 lb	e=0.01/0.02 lb
	30 lb	e=0.01 lb
	60 lb	e=0.02 lb
CPU / display data		
Display properties	Multi-Touch, capacative	Operator Display
Display resolution customer display	1280 x 800 (16:10), WXGA 1024 x 600 (WSVGA)	
Memory	SSD 128 GB SSD 256 GB (optional)	
Operator display resolution	1.024 x 600 (WSVGA)	

Product images and technical information may vary and may not be available in your country.

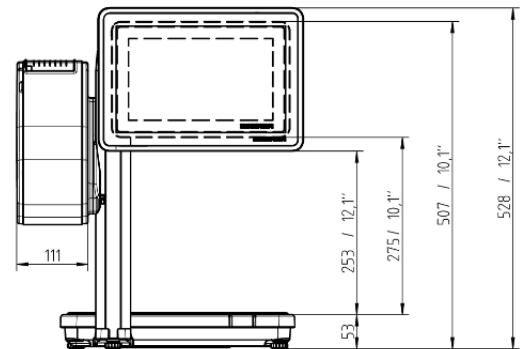
Technical Data

Specifications	Facts	Details
	1280 x 800 (WXGA) 1.920 x 1.080 (Full-HD)	
Processor type	Intel Elkhart Lake X6413E	
Random access memory	8 GB 16 GB	
Size/type customer display	12,1" TFT 10,1" TFT	
Size/type Operator Display	10,1" Touch-TFT 12,1" Touch TFT 15,6" Touch-TFT	
Peripheral devices		
Interfaces	Ethernet (TCP/IP) USB 2.0 USB 3.0 WLAN 1 x RJ12	
Other technical data		
Printer	2" T/E 2" T/L 2" T/L Auto-Cutter No Printer 3" T/E 3" T/L 3" T/L Auto-Cutter 3" T/E Standalone 3" T/L Auto-Cutter Standalone Doubleprinter 2"T/2"L	Auto-Cutter: More than 500,000 cuts without having to replace cutting components. This performance can be guaranteed with Bizerba paper. Paper from third party providers may not achieve the same results
Labeling properties		
Label size	105 mm (default) / max. 120 mm max. 150 mm/s 2"/3" - 58/80 mm	Roll diameter Print speed Roll width
Software & operating systems		
Operating system	Windows® 11 Ltsc	

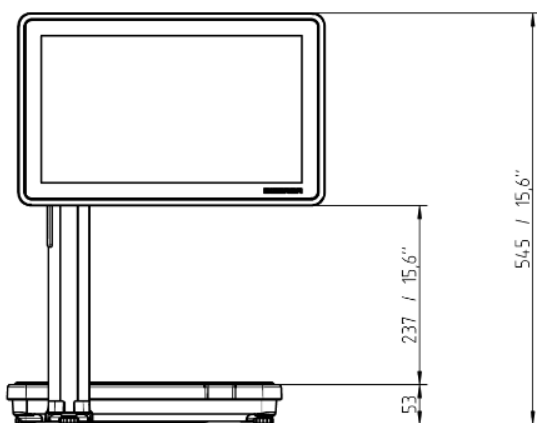
Dimensional Drawings



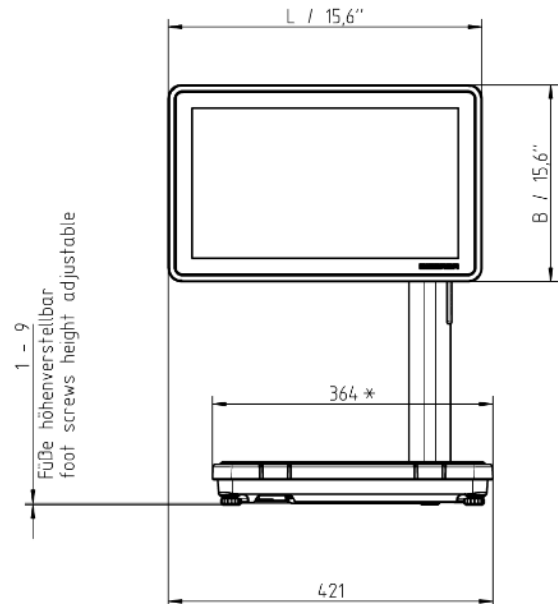
Q1_expert_800_front_view_01



Q1_expert_800_front_view_02

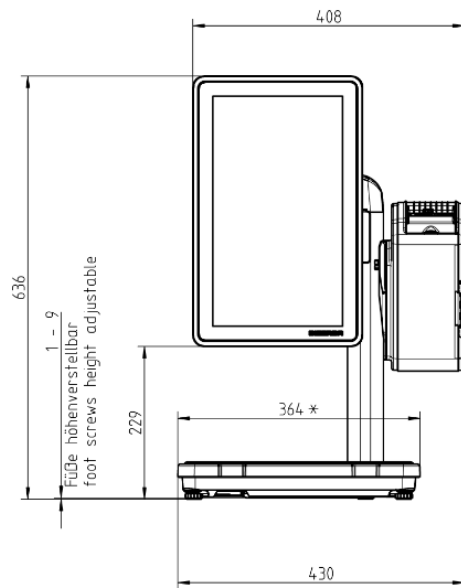


Q1_expert_800_display_view_01

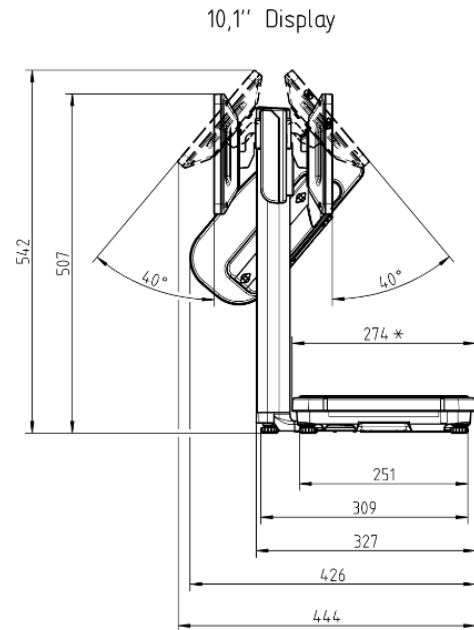


Q1_expert_800_display_view_02

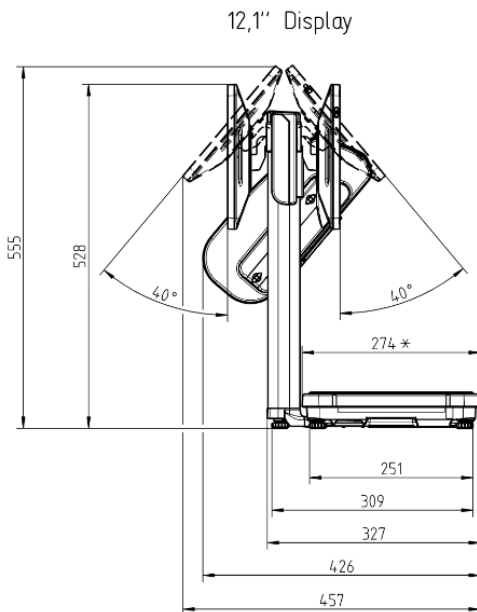
Dimensional Drawings



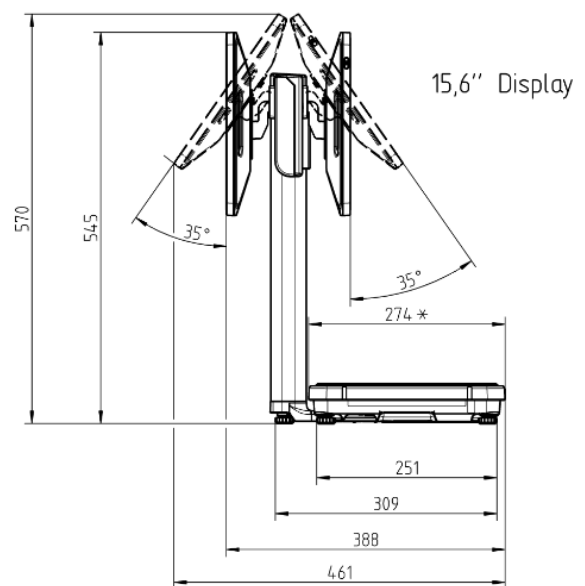
Q1_expert_800_front_view_vertical



Q1_expert_800_side_view_10,1_display

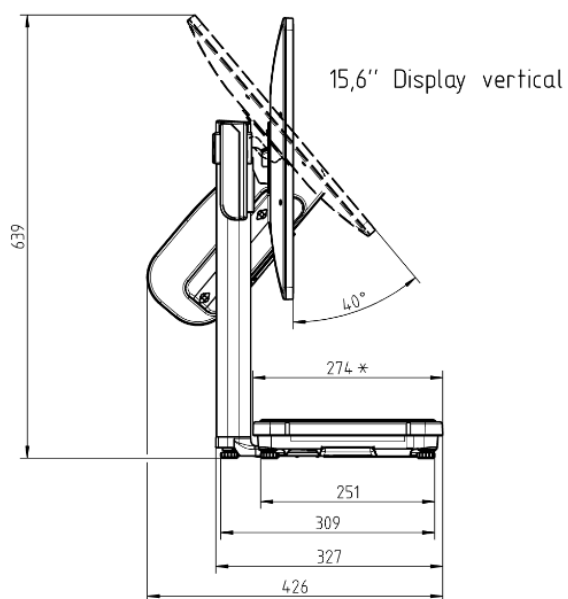


Q1_expert_800_side_view_12,1_display

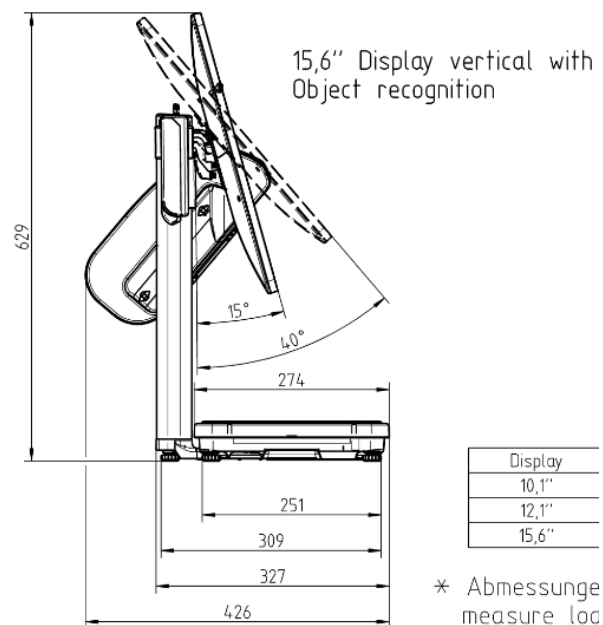


Q1_expert_800_side_view_15,6_display

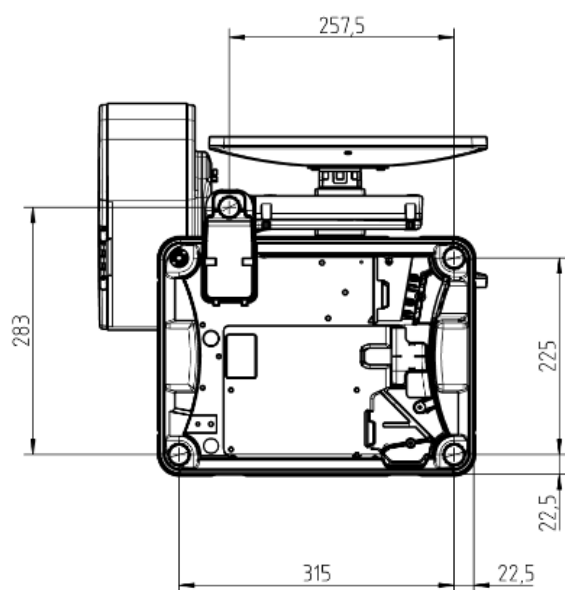
Dimensional Drawings



Q1_expert_800_side_view_15,6_display_vertical



Q1_expert_800_side_view_15,6_display_vertical_object_recognition



Q1_expert_800_view_from_below

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04
Service

05
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More Information