

TECHNICAL DATA SHEET

Q1 expert 100 extended Pole

Q1 expert 100 with extended pole – flat, intuitive, efficient retail scale for assisted sales, self-service & labeling, ensuring optimal visibility



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 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

Integrated drawer e.g. for storing paper rolls

Optimized printers with super-fast paper exchange concept

Applications

- ✓ Suitable for counter sales, self-service, price labeling/pre-packaging, and checkout
- ✓ Compatible with external load receptor for weighing items over 30 kg
- ✓ Ideal for use in butcher shops, bakeries, supermarkets, delicatessens, bulk stores, hardware stores, and the hospitality industry

Options

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)

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

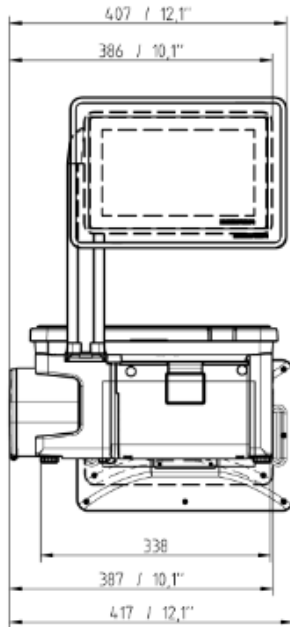
Specifications	Facts	Details
Dimensions & weight		
Color	signal black	
Dimensions range (L x W x H)/(D x W x H)	100: 408 x 397 x 219 mm	Q1 expert 100 with 10"/7" Display
Installation area (L x W)	800: 325 x 360 mm	
Weight	ca. 14.5 kg	Q1 expert 100
Performance data		
Voltage variants	120 - 240 V	50 - 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	60 lb	e=0.02 lb
	3/6 kg	e=1/2 g
	12 kg	e=2 g
	6/15 kg	e=2/5 g
	15/30 kg	e=5/10 g
	6 kg	e=2 g
	15/30 lb	e=0.005/0.01 lb
	30/60 lb	e=0.01/0.02 lb
	30 kg	e=5 g
	30 lb	e=0.01 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.

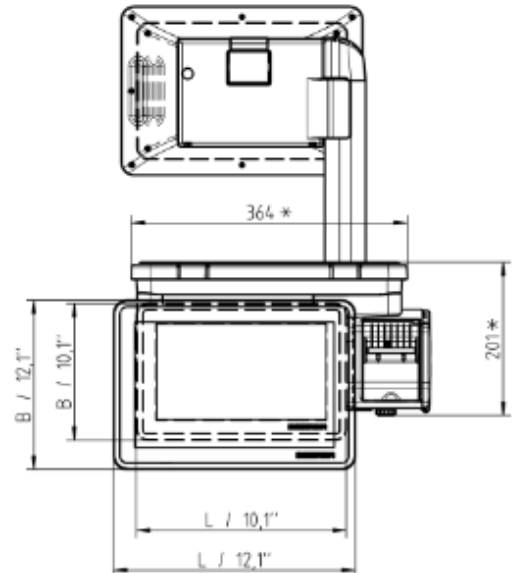
Technical Data

Specifications	Facts	Details
	1280 x 800 (WXGA)	
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	12,1" Touch TFT 10,1" 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 3" T/E 3" T/L 3" T/L Auto-Cutter 3" T/E Standalone 3" T/L Auto-Cutter Standalone"	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	

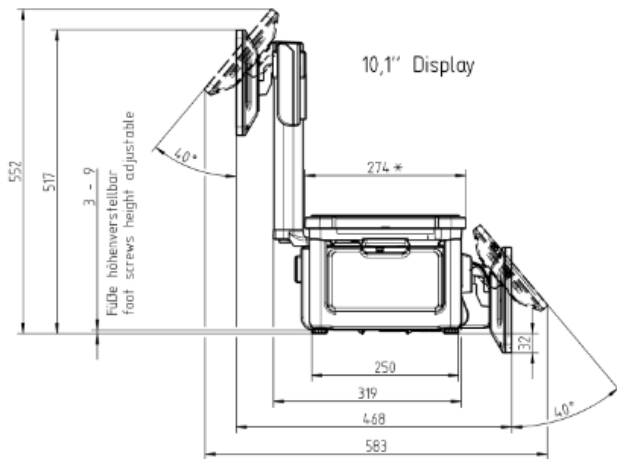
Dimensional Drawings



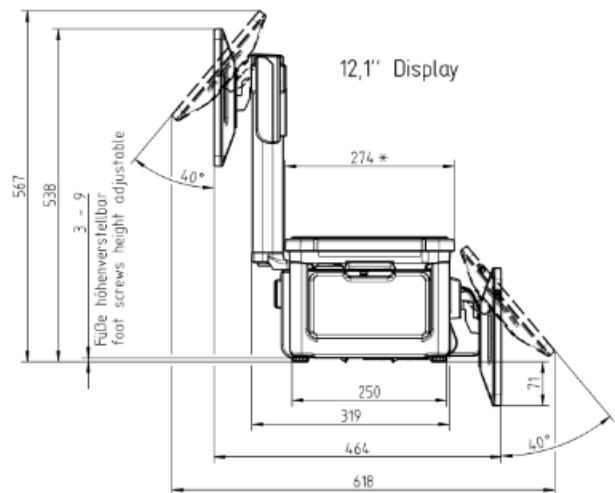
Q1_expert_ext_100_front_view



Q1_expert_ext_100_back_view



Q1_expert_100_side_view_10,1_display_02



Q1_expert_100_side_view_12,1_display_02

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Bizerba SE & Co. KG
Wilhelm-Kraut-Straße 65
72336 Balingen

Telefon: +49 7433 12-1300
vertrieb@bizerba.com

www.bizerba.com



More Information