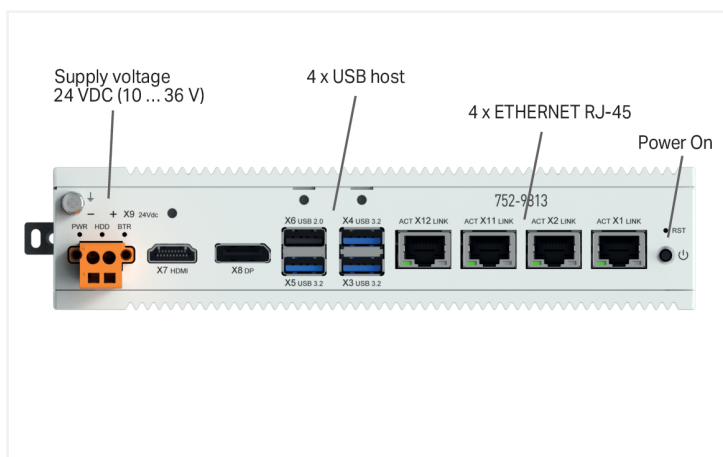


Data Sheet | Item Number: 752-9813

Edge Computer; 4 x ETHERNET, 4 x USB, HDMI, DP; 32GB RAM; 256GB FLASH

<https://www.wago.com/752-9813>



- 4 x ETHERNET interfaces for connecting to field devices and IT networks
- 4 x USB interfaces for optional connection of a USB stick, mouse or keyboard
- HDMI and display port interfaces for connecting a display



Technical data	
ETHERNET protocols	DHCP DNS HTTP HTTPS SSH SCP SFTP
Visualization	Web server
Functionality	• Industrial IoT gateway • Secure and encrypted cloud connectivity • EDGE functionality supported • Device and application management via IoT and EDGE technologies • Industrial IoT gateway • High-performance EDGE functionality • AI and machine learning models at the EDGE • Expandable with AI accelerator
Operating system	Debian Linux; optional ctrlX OS pending
Processor	Intel i7-1185G7E Processor 4 x 1.8 GHz (max. 4.40 GHz)
Security	TPM2.0-Chip, UEFI Secure Boot
Main memory (RAM)	32 GB; DDR.4 SODIMM
Internal memory (flash)	256 GB; m.2 SSD
Indicators	3 x LED
Supply voltage	24 VDC (10 ... 36 V); with reverse voltage protection
Input current (typ.) at nominal load (24 V)	1258 mA
Input current (max.) (24 V)	3542 mA
Operating power	30.2 W (typ.); 85 W (max.)

Connection Data	
Connection technology: communication/fieldbus	4 x RJ-45 socket, 1 x 1 Gbit/s, 3 x 2.5 Gbit/s; 3 x USB 3.2 (type A); 1 x USB 2.0 (type A)
Interfaces (ETHERNET)	4 x RJ-45 sockets, X1: 1 Gbit/s (Intel I219-LM), X2, X11, X12: 2.5 Gbit/s (Intel I226-LM); Connection via twisted pair SF/UTP cables, 100 Ohm, Category 5e, patch or crossover, max. length 100 m
Interfaces (USB)	3 x USB 3.2 Gen 2 Host (Type A) sockets, 10 Gbit/s, max. cable length 3 m, max. current consumption 2 x 900 mA; 1 x USB 2.0 (Type A) socket
Interfaces (display)	1 x DP 1.4a, 4096 x 2304 @60 Hz; 1 x HDMI 1.4, 3840 x 2160 @30 Hz
Memory expansion	2 x mPCIe slot, 1 x M.2 B and SATA 2.5" SSD
RTC (Real-Time Clock)	Battery type BR2032; 3 VDC
SIM card type	Nano-SIM
Connection technology: supply	1 x Female Connector (231-302/107-000); CAGE CLAMP®; 2-pole
Cable length (max.)	3 m (Connection cable (max.) to power supply)
Connection type	Power supply
Solid conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches

Physical data	
Width	45 mm / 1.772 inches
Height	200 mm / 7.874 inches
Depth	140 mm / 5.512 inches



Mechanical data		
Mounting type	DIN-35 rail	

Material data		
Housing material	Aluminum, powder-coated	
Fire load	0 MJ	
Weight	1810 g	

Environmental requirements		
Ambient temperature (operation)	-20 ... +60 °C (At 5 ... 85 % RH (with 0.7 m/s airflow))	
Ambient temperature (storage)	-40 ... +85 °C	
Protection type	IP40	
Note on protection type	Protection type with expansion housing: IP20	
Protection class	III	
Pollution degree	2	
Operating altitude	0 ... 2000 m / 0 ... 6562 ft	
Relative humidity	10 ... 95 % (without condensation; RH at 40 °C)	
EMC immunity to interference	per EN 61000-6-2	
EMC emission of interference	per EN 61000-6-4	

Commercial data		
PU (SPU)	1 pcs	
Packaging type	Box	
Country of origin	TW	
GTIN	4066966580266	
Customs tariff number	8471500000	

Product Classification		
UNSPSC	43211501	
ETIM 9.0	EC001413	
ETIM 10.0	EC001413	
ECCN	NO US CLASSIFICATION	

Environmental Product Compliance		
RoHS Compliance Status	Compliant, No Exemption	

Approvals / Certificates		
General approvals		
		
Approval	Standard	Certificate Name
UL Underwriters Laboratories Inc.	UL 62368-1	E482462

Declarations of conformity and manufacturer's declarations		
Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-



Downloads

Environmental Product Compliance

Compliance Search			
Environmental Product Compliance 752-9813			↓

Documentation

Manual			
Edge Computer	V 1.0.0 19.12.2024	pdf 1450.74 KB	↓

Bid Text			
752-9813		docx 31.89 KB	↓
752-9813		x81 6.21 KB	↓

CAD/CAE-Data

CAD data			
2D/3D Models 752-9813			↓

Engineering-Software

Configuration and Commissioning Software			
CODESYS Virtual Control SL		png 89.57 KB	↓