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Data sheet 6AG4026-1ME33-1DB1

SIMATIC IPC BX-53B 12th generation box PC Intel Core i7-12700E (12C/20T, 4.8 GHz, 25 MB cache), Q670 chipset M/B 1 TB SSD 32 GB DDR4 SDRAM(1x32 GB DDR4 SDRAM) compact enclosure, 350 W 2 additional COM and 4 additional USB Q670 chipset M/B Windows 11 IoT Enterprise 2024 LTSC, multilingual (en, de, fr, it, es), 64-bit; for Core i7 / i9 with USB flash drive (D&D) without supply cable

Installation type/mounting	
Mounting	for horizontal mounting
Supply voltage	
Type of supply voltage	100 - 240 V AC
Line frequency	
● Rated value 50 Hz	Yes
● Rated value 60 Hz	Yes
Processor	
Processor type	Intel® Celeron G6900 with 2 cores / 2 threads; Intel® Pentium G7400 with 2 cores / 4 threads; Intel® Core™ i3 with 4 cores / 8 threads, Core™ i5 with 6 cores/12 threads, Core™ i7 with 12 cores / 20 threads, Core™ i9 with 16 cores / 24 threads.
Chipset	Intel H610 / Q670
Drives	
Hard disk	HDD & SSD
Storage	
Type of memory	DDR4-SDRAM DIMM
Main memory	4G up to 128G DDR4
Capacity of main memory, max.	128 Gbyte
Interfaces	
serial interface	6 x COM (4x RS232, 1x RS232/RS485; 1x RS232/RS422/RS485)
Video interfaces	
● Graphics interface	1x DP, 1x HDMI, 1x VGA
Industrial Ethernet	
● number of interfaces (1 000 Mbps)	1
● number of interfaces (2 500 Mbps)	1
Interrupts/diagnostics/status information	
LED status display	POWER, HDD
Degree and class of protection	
IP (at the front)	IP20
IP (rear)	IP20
Standards, approvals, certificates	
CE mark	Yes
UKCA mark	Yes
UL approval	Yes
RCM (formerly C-TICK)	Yes
KC approval	Yes
Ambient conditions	
Ambient temperature during operation	
● min.	0 °C
● max.	45 °C
Operating systems	
pre-installed operating system	Windows 10 IoT Enterprise 2021 LTSC, 64 bit, MUI
without operating system	Yes
Dimensions	
Width	380 mm
Height	164 mm

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Depth	316 mm

Approvals / Certificates

General Product Approval







Manufacturer Declaration




General Product Approval	EMV	Dangerous goods		Environment
		Dangerous goods information	Test Summary Report UN 38.3	

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