

MANUFACTURER-SOURCE TECHNICAL REFERENCE

B&R X20CP1485-1

Product Reference

B&R Industrial Automation X20 System fanless CPU

DOCUMENT SCOPE

Independent Apter Power manual compiled only from the cited B&R Industrial Automation manufacturer sources. No product photograph is included.

Product / lookup identity	B&R X20CP1485-1
Reference number	X20CP1485-1
Document basis	Published B&R Industrial Automation product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/B&R/x20cp1485-1>

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Product role and published parameters

WHAT IT IS, WHAT IT DOES, AND WHERE IT FITS

B&R X20CPI485-1 is an evidence-bounded X20 System fanless CPU. System role: It is a fanless X20 CPU with Ethernet, POWERLINK, USB, RS232 and X2X Link interfaces plus one modular interface slot. System context: B&R Industrial Automation X20 System fanless CPU.

Published field	Manufacturer-published value or verified identity note
Exact requested identity	X20CPI485-1
Product class	X20 System fanless CPU
CPU	Intel Celeron 400 class
Interfaces	RS232, Ethernet, POWERLINK, 2 USB, X2X Link
Interface slots	1
Cooling	Fanless
Protection	IP20

System function and signal path

- 01 System Inputs: It is a fanless X20 CPU with Ethernet, POWERLINK, USB, RS232 and X2X Link interfaces plus one modular interface slot.
- 02 Processing: Use only with the exact host, terminal base, cable, firmware and engineering configuration documented for the installed system.

Applications, answers, and official sources

1 Installed-base maintenance: Supports evidence-led identification and replacement planning for B&R X20CP1485-1.

2 System documentation: Provides a source-traceable boundary for the documented B&R X20 control system configuration.

3 Commissioning review: Guides identity, companion-hardware, wiring and controlled functional checks before return to service.

4 Migration assessment: Separates exact-model facts from successor, sibling and family-level information.

Frequently asked questions

What is B&R X20CP1485-1?	It is an evidence-bounded X20 System fanless CPU; this page is limited to the cited manufacturer evidence.
Is the exact identity verified?	Verified Evidence Bounded.
What is its system role?	It is a fanless X20 CPU with Ethernet, POWERLINK, USB, RS232 and X2X Link interfaces plus one modular interface slot.
Which installed-base context is documented?	B&R X20 control system.
Are related models automatic substitutes?	No. A sibling, repair code, suffix or engineering replacement is not an unconditional drop-in approval.
Must the physical label be checked?	Yes. Verify the model, revision, firmware and all order or configuration suffixes.

Official B&R Industrial Automation sources

B&R X20CP1485-1 product page	https://www.br-automation.com/en-us/products/plc-systems/x20-system/x20-plc/x20cp1485-1/
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