

INDUSTRIAL AUTOMATION PRODUCT

X20CP1484

Compact Celeron X20 CPU

B&R X20CP1484 is a compact celeron x20 cpu for the documented X20 System installation.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	B&R
System family	X20 System
Part number	X20CP1484
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Confirm B&R X20CP1484, X20 PLC station, Ethernet, POWERLINK, USB, RS232, X2X Link and one expansion slot, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

System Role and Architecture

B&R X20CP1484 is a compact celeron x20 cpu for the documented X20 System installation.

FUNCTION 1
Provides X20 machine-control application execution

FUNCTION 2
Uses exact B&R article identity X20CP1484

FUNCTION 3
Matches processor: Intel Celeron 266 performance class

FUNCTION 4
Matches minimum cycle: 800 us

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	X20 System
02	X20 PLC station
03	Ethernet, POWERLINK, USB, RS232, X2X Link and one expansion slot
04	Approved wiring, shielding and grounding arrangement

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	X20 System
Interface role	X20 machine-control application execution
Field / power context	X20 PLC station
Commissioning evidence	Identity, gap, polarity, response and alarm diagnostics recorded

INSTALLATION AND CONNECTION CHECKS

- 1

Confirm the complete B&R X20CP1484 marking and installed X20 System position before work.
- 2

Place the machine or process in the approved maintenance state and isolate every applicable energy source.
- 3

Record Ethernet, POWERLINK, USB, RS232, X2X Link and one expansion slot, terminal assignments, shielding and protective-ground connections
- 4

Use ESD controls and protect keyed connectors, terminals and exposed electronics from contamination.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

PARAMETER	VALUE
Processor	Intel Celeron 266 performance class
Minimum cycle	800 us
Interface slots	1 modular expansion slot
Onboard interfaces	Ethernet, POWERLINK and USB

PARAMETER	VALUE
Application memory	CompactFlash, ordered separately
Cooling	Fanless
Dimensions	150 x 99 x 85 mm
Protection	IP20

ENGINEERING BOUNDARY

Confirm B&R X20CP1484, X20 PLC station, Ethernet, POWERLINK, USB, RS232, X2X Link and one expansion slot, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

PRE-INSTALLATION CHECKS

- 1

Confirm the complete B&R X20CP1484 marking and installed X20 System position before work.
- 2

Place the machine or process in the approved maintenance state and isolate every applicable energy source.
- 3

Record Ethernet, POWERLINK, USB, RS232, X2X Link and one expansion slot, terminal assignments, shielding and protective-ground
- 4

Use ESD controls and protect keyed connectors, terminals and exposed electronics from contamination.

Applications and Engineering Context

X20 System system maintenance

Restores X20 machine-control application execution in the documented installation.

Controlled hardware replacement

Preserves the exact X20CP1484 identity and approved configuration.

Interface verification

Confirms Ethernet, POWERLINK, USB, RS232, X2X Link and one expansion slot before energization.

Functional recommissioning

Reviews diagnostics and records the controlled system response.

TECHNICAL NOTE

Confirm B&R X20CP1484, X20 PLC station, Ethernet, POWERLINK, USB, RS232, X2X Link and one expansion slot, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	X20CP1484 recorded
Host / carrier	X20 System
Physical interface	Ethernet, POWERLINK, USB, RS232, X2X Link and one expansion slot matched
Configuration	Exact installed configuration and assignments restored
Functional proof	Controlled X20 machine-control application execution response recorded

IMPORTANT NOTICE

Confirm B&R X20CP1484, X20 PLC station, Ethernet, POWERLINK, USB, RS232, X2X Link and one expansion slot, wiring, grounding, configuration, companion accessories and controlled commissioning results before service release.

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER	
01	Bently Nevada 330130-080-13-00
02	Bently Nevada 330904-01-14-05-02-00
03	Bently Nevada 330881-00-04-150-06-02
04	Bently Nevada 330104-00-07-05-01-05
05	Bently Nevada 330701-00-30-10-01-00
06	Bently Nevada 31000-00-00-00-120-00-02
07	Bently Nevada 330103-12-25-10-01-00
08	Bently Nevada 330103-12-25-10-02-00

Navigation links only - not manufacturer evidence for technical parameters.

MANUFACTURER SOURCE RECORD

B&R X20CP1484 product data | Datasheet X20CP1484

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