MODULARITY IS PRIME.



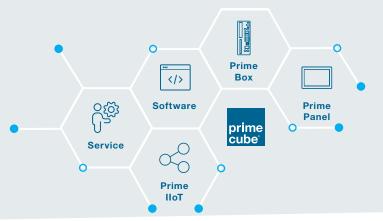
PRIME EXTEND

ECONOMIC AND STABILE SOLUTION FOR THE TRANSMISSION OF VIDEO AND USB DATA UP TO 100 METERS

- With compact top-rail housing or fully integrated into the Box PC
- Latency-free transmission in full HD
- Plug & Play: Easy integration into existing infrastructure
- Temperature range -20 °C to +50 °C



THE MODULAR SYSTEM OF PRIME CUBE®





Customised modular solutions of industrial computer technology with all advantages of standard products: validated platforms, short development process, optimum price performance.

High quality

For 24/7 operation in an industrial environment. Reliable and robust.

Long-term available (10 years), with a warranty of 36 months.

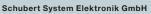
Application-oriented & customisableBASE / STYLE / CUSTOM



From sensor application to tool monitoring in the machine and from embedded computing systems to a future-oriented IoT gateway concept we represent all product steps with our product brands Prime Cube® and BK Mikro®. At our headquarters in Neuhausen ob Eck (Baden-Wurttemberg) we develop and manufacture with appr. 170 employees customised computer systems: From hardware and software to assemblies and complete systems - innovative force "Made in Germany".







PRIME EXTEND TECHNICAL DATA



Type code PXS1000ED_023 Dimensions (WxHxD) 22.5 x 99 x 114.5 mm Weight 117 g Housing Prime Extend TX Standalone Box. Top hat rail housing, made of plastic. Mountable to 35 mm top-rail (DIN EN 50022 and DIN EN 50045). Protection class IP20 acc. DIN EN 60529 Interfaces 1 kp rime Extend RJ45 connection socket 1 x Display Port Display LED Yellow: Ready Green: Link Transmission path Video data: Full HD, 1920 x 1080 pixel with 60 Hz Transmission cable: CAT 6a / CAT 7 / AWG 22 Interface: Lx min USB 2.0 Supply voltage S V DC, 12 V DC, 24 V DC Ambient temperature - 20 °C +55 °C Storage temperature - 20 °C +55 °C Hamidity - 1 kpt// storage account. EN EN ES ES ON EN EN ES 200 °C	VERSION		PRIME EXTEND TX DP
Weight 117 g Housing Prime Extend TX Standalone Box. Top hat rail housing, made of plastic. Mountable to 35 mm top-rail (DIN EN 50022 and DIN EN 50045). Protection class IP20 acc. DIN EN 60529 Interfaces Ix Prime Extend RJ45 connection socket Ix USB 2.0, type B Mini Ix Disapperot Ix Disapperot Meady Green: Link Ix Disapperot Max. 100 m Ix Max. 100 m Ix Max. 100 m Ix Min IUSB 2.0 Supply voltage Ix Min IUSB 2.0 Supply voltage Ix Min IUSB 2.0 Ambient temperature - 20 °C +50 °C Supply voltage Ix Min IUSB 2.0 Ambient temperature - 20 °C +55 °C<	Type code		PXS1000ED_023
Weight 117 g Housing Prime Extend TX Standalone Box. Top hat rail housing, made of plastic. Mountable to 35 mm top-rail (DIN EN 50022 and DIN EN 50045). Protection class IP20 acc. DIN EN 60529 Interfaces 1x Prime Extend RJ45 connection socket 1x USB 2.0, type B Mini 1x Display Port Pallow: Ready Green: Link Max. 100 m Max. 100 m Video data: Full HD, 1920 x 1080 pixel with 60 Hz Transmission cable: CAT 6a / CAT 7 / AWG 22 Interface: Ix mini USB 2.0 Supply voltage Ambient temperature 5 V DC, 12 V DC, 24 V DC Ambient temperature -20 °C +50 °C Storage temperature -20 °C +55 °C Humidity -20 °C +55 °C	Dimensions (WxHxD)		22.5 x 99 x 114.5 mm
Top hat rail housing, made of plastic. Mountable to 35 mm top-rail (DIN EN 50022 and DIN EN 50045). Protection class IP20 acc. DIN EN 60529 Interfaces 1x Prime Extend RJ45 connection socket 1x USB 2.0, type B Mini 1x USB 2.0, type B Mini 1x USB 2.0, type B Mini 1x Display Port Policy Creen: Link Creen: Link Max. 100 m Video data: Full HD, 1920 x 1080 pixel with 60 Hz Transmission cable: CAT 6a / CAT 7 / AWG 22 Interface: 1x mini USB 2.0 Supply voltage Ambient temperature 5 V DC, 12 V DC, 24 V DC Ambient temperature -20 °C +50 °C Storage temperature -20 °C +55 °C Humidity 10% 80%, non-condensing			117 g
Transmission path Transmission cable:	Housing		Top hat rail housing, made of plastic.
1x USB 2.0, type B Mini 1x Display Port 1x	Protection class		IP20 acc. DIN EN 60529
1x Display Port Display LED Yellow: Green: Link Ready Transmission path Video data: Transmission cable: Transmission cable: Transmission cable: 1x mini USB 2.0 Max. 100 m Supply voltage 1x mini USB 2.0 Ambient temperature Storage temperature Humidity 20 °C +50 °C Humidity 1x Display Port Max. 100 m CAT 6a / CAT 7 / AWG 22 Interface: 1x mini USB 2.0 Supply voltage 5 V DC, 12 V DC, 24 V DC	Interfaces		1x Prime Extend RJ45 connection socket
Display LED Yellow: Green: Link Ready Transmission path Transmission path Path Path Path Path Path Path Path P			1x USB 2.0, type B Mini
Green: Link Transmission path Distance: Max. 100 m Video data: Full HD, 1920 x 1080 pixel with 60 Hz Transmission cable: CAT 6a / CAT 7 / AWG 22 Interface: 1x mini USB 2.0 Supply voltage Ambient temperature 5 V DC, 12 V DC, 24 V DC Storage temperature -20 °C +55 °C Humidity 10% 80%, non-condensing			1x Display Port
Transmission path Video data: Max. 100 m Video data: Full HD, 1920 x 1080 pixel with 60 Hz Transmission cable: CAT 6a / CAT 7 / AWG 22 Interface: 1x mini USB 2.0 Supply voltage 5 V DC, 12 V DC, 24 V DC Ambient temperature -20 °C +50 °C Storage temperature -20 °C +55 °C Humidity 10% 80%, non-condensing	Display LED	Yellow:	Ready
Video data: Full HD, 1920 x 1080 pixel with 60 Hz Transmission cable: CAT 6a / CAT 7 / AWG 22 Interface: 1x mini USB 2.0 Supply voltage 5 V DC, 12 V DC, 24 V DC Ambient temperature -20 °C +50 °C Storage temperature -20 °C +55 °C Humidity 10% 80%, non-condensing		Green:	Link
Transmission cable: CAT 6a / CAT 7 / AWG 22 Interface: 1x mini USB 2.0 Supply voltage 5 V DC, 12 V DC, 24 V DC Ambient temperature -20 °C +50 °C Storage temperature -20 °C +55 °C Humidity 10% 80%, non-condensing	Transmission path	Distance:	Max. 100 m
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Supply voltage5 V DC, 12 V DC, 24 V DCAmbient temperature-20 °C +50 °CStorage temperature-20 °C +55 °CHumidity10% 80%, non-condensing		Transmission cable:	CAT 6a / CAT 7 / AWG 22
Ambient temperature -20 °C +50 °C Storage temperature -20 °C +55 °C Humidity 10% 80%, non-condensing		Interface:	1x mini USB 2.0
Storage temperature -20 °C +55 °C Humidity 10% 80%, non-condensing	Supply voltage		5 V DC, 12 V DC, 24 V DC
Humidity 10% 80%, non-condensing	Ambient temperature		-20 °C +50 °C
	Storage temperature		-20 °C +55 °C
Industrial area and DIN EN 65004 9 DIN EN 61000 6 0	Humidity		10% 80%, non-condensing
Industrial area acc. Din EN 00024 & DIN EN 01000-0-2	EMC resistance		Industrial area acc. DIN EN 55024 & DIN EN 61000-6-2
EMC emitted interference Industrial area acc. DIN EN 55032 class A	EMC emitted interference		Industrial area acc. DIN EN 55032 class A
Shock 15 g: 11 ms and 25 g: 6 ms acc. DIN EN 60068-2-27	Shock		15 g: 11 ms and 25 g: 6 ms acc. DIN EN 60068-2-27
Vibration 2 9 Hz: 3.5 mm amplitude, 9 200 Hz: 1 g acc. DIN EN 60068-2-6	Vibration		2 9 Hz: 3.5 mm amplitude, 9 200 Hz: 1 g acc. DIN EN 60068-2-6
Warranty 36 months	Warranty		36 months
Approvals CE; UL in preparation; acc. UL 61010-2-201 & CSA C22.2 no. 61010-2-201	Approvals		CE; UL in preparation; acc. UL 61010-2-201 & CSA C22.2 no. 61010-2-201

VERGION		
VERSION		PRIME EXTEND RX DP
Type code		PXE1000ED_072
Dimensions (HxD):		80 x 90 mm
Housing		Prime Extend RX connection card. Circuit board assembly. Designed for installation into a touch monitor.
Interfaces		1x Prime Extend RJ45 connection socket
Panel interface		1x LVDS (Dual Channel)
Display LED	Yellow:	Ready
	Green:	Link
Operating elements		Pin header for brightness setting (+/-)
Transmission path	Distance:	Max. 100 m
	Video data:	Full HD, 1920 x 1080 pixel with 60 Hz
	Transmission cable:	CAT 6a / CAT 7 / AWG 22
	Interface:	1x USB 2.0 pin header for touch control
		1x USB 2.0 pin header freely available
Supply voltage		12 V DC, nominal
Storage temperature		-20 °C +60 °C
Ambient temperature		-20 °C +60 °C
Humidity		10% 90%, non-condensing
Shock		15 g: 11 ms and 25 g: 6 ms acc. DIN EN 60068-2-27
Vibration		2 9 Hz: 3.5 mm amplitude, 9 200 Hz: 1 g acc. DIN EN 60068-2-6
Approvals		CE & EMC compliant industrial design, UL compliant

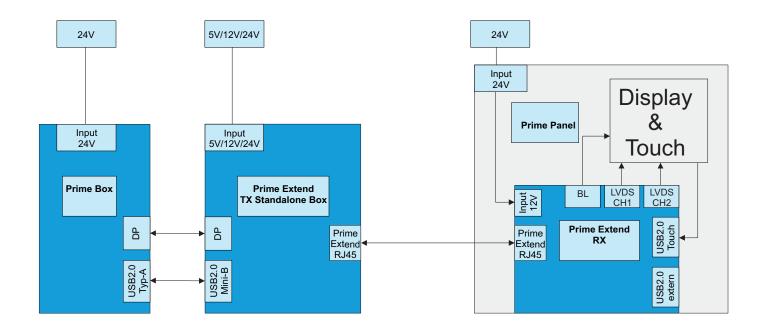
Dimension drawings can be downloaded from our website. 3D models are provided on request by e-mail to vertrieb@schubert-system-elektronik.de.

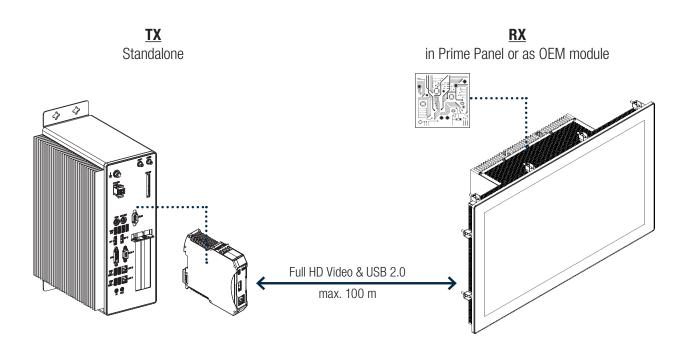
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Dimension drawings can be downloaded from our website. 3D models are provided on request by e-mail to vertrieb@schubert-system-elektronik.de.

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