

PRIME PANEL EXTEND INSTALLATION 15.6" / 21.5"

FACT SHEET

MULTITOUCH MONITOR FOR DEMANDING TASKS

- With Prime Extend up to 100 m away from the Box IPC
- Latency-free FHD video and USB 2.0 transmission
- Safe operation due to good readability and precise touch sensor
- High operational reliability through robust system design and IP65



Housing

High quality aluminum front frame. Modern design, "form follows function". Optional with logo and color ident.



Glass Front

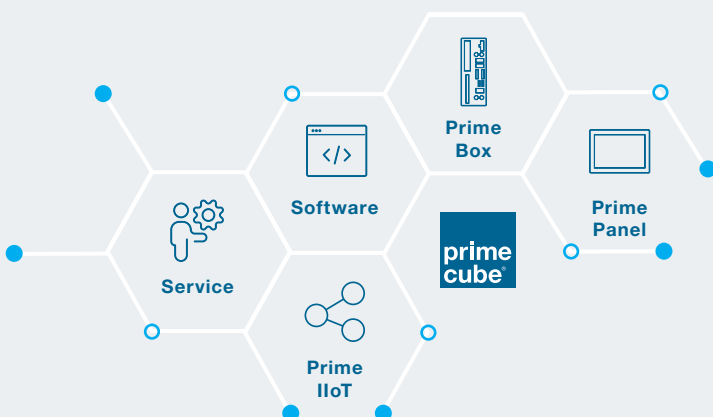
Anti-reflective and hardened - optimal readability, reduced reflections, high scratch resistance. Easy to clean.



Touch

High operational safety - even under disturbing influence. EMC-stable 4-finger operation, glove operation (cat. 1) pre-parameterized. Optional specific parameterization for palm suppression or working gloves.

THE MODULAR SYSTEM PRIME CUBE®



Modular

Customized solutions of industrial computer technology with all advantages of standard products: Validated platforms, short development process, optimum price-performance ratio.



High Quality

For 24/7 operation in an industrial environment. Reliable and robust. Long-term available (10 years), with 36 months of warranty.



Application-oriented & Customizable

BASE / STYLE / CUSTOM

We are your partner in the complete solution process of industrial computer technology.

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



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TECHNICAL DATA

prime
cube®

DESIGN		PRIME PANEL EXTEND INSTALLATION	
		15.6"	21.5"
Model Code		PPT1100ED_156	PPT1000ED_215
Dimensions (WxHxD)		406.5 x 256 x 64 mm	538 x 330.1 x 64 mm
Weight		4.38 kg	6.20 kg
Housing		Aluminum front frame, powder-coated Steel sheet rear panel, galvanized Aluminum computer core with heat sink, anodized Hardened and anti-glare etched front glass Designed for front installation by means of mounting brackets	
Mounting clamps		10 pieces	12 pieces
Impact Resistance Front		IK08	
Protection Class*		IP65 acc. EN 60529, front side IP20 acc. EN 60529, rear side	
Display	Size	FHD display, 1920 x 1080 pixel, 16:9	
	Luminance (typ.)	450 cd/m²	350 cd/m²
	Contrast Ratio (typ.)	800	1000
	Viewing Angle (typ.)	85/85/85/85°	89/89/89/89°
	Lifetime Lighting (min.)	50,000 h	50,000 h
Touch		Projected Capacitive Touch (PCT), 4-finger operation, up to 10-finger operation optional Specific parameterization possible inhouse	
Interfaces		Prime Extend RX, RJ45 USB-Hub - 2x USB2.0 (USB-A jack), optional	
Power Consumption		1.23 A / 29.52 W	1.3 A / 31.2 W
Voltage Supply		24 V DC (20,8...28,8 V DC), internal DC/DC power supply, galvanically isolated	
Overvoltage Category		II	
Ambient Temperature		-10 °C ... +50 °C	
Storage Temperature		-20 °C ... +65 °C	
Humidity		20% ... 80%, non-condensing	
Operating Altitude		max. 2000 m	
Pollution Degree		2	
EMC Immunity		Industrial area acc. EN 61000-6-2	
EMC Emission		Industrial area acc. EN 61000-6-4	
Shock		Acc. EN/IEC 60721-3-2, Klasse 2M2	
Vibration		Acc. EN/IEC 60721-3-2, Klasse 2M2	
Warranty		36 months	
Approvals		CE; UL in testing; acc. UL 61010-2-201 & CSA C22.2 no. 61010-2-201	

* not evaluated by UL.

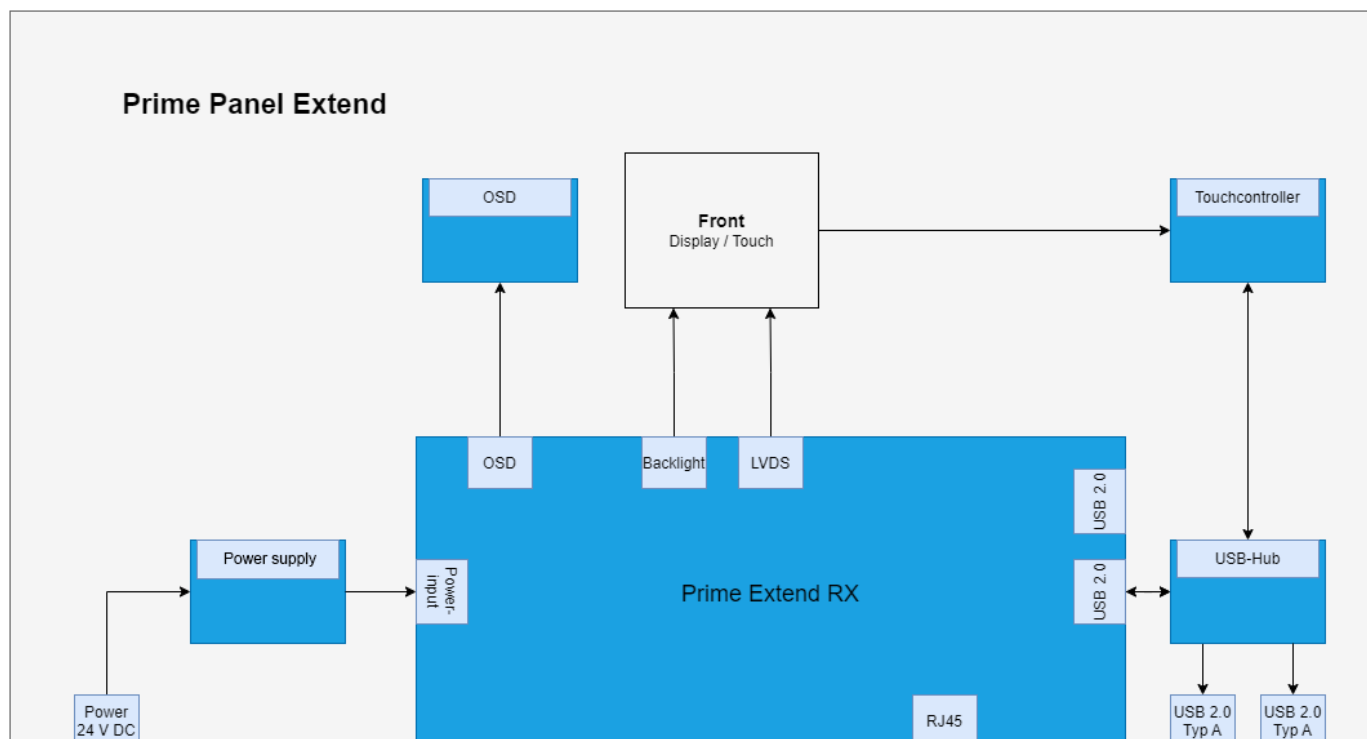
Please find dimensional drawings as downloads on our [website](https://www.schubert-system-elektronik.de). 3D-models on request via e-mail to vertrieb@schubert-system-elektronik.de.

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CIRCUIT DIAGRAM

prime
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