

PRIME PANEL TOUCH INSTALLATION 15.6" / 21.5"

FACT SHEET

MULTITOUCH MONITOR FOR DEMANDING TASKS

- High operational reliability through robust system design and IP65
- Safe operation due to good readability and precise touch sensor



Housing

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



Glass Front

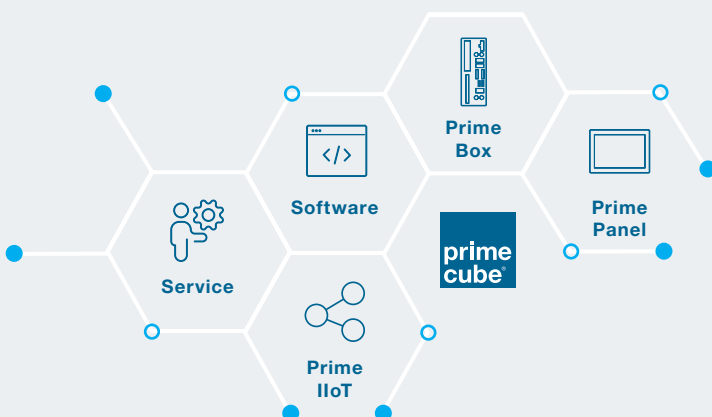
Anti-reflective and hardened - optimal readability,
reduced reflections, high scratch resistance.
Easy to clean.



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 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-Württemberg) our 170 employees develop and manufacture customized computer systems: from hardware and software to assemblies and complete systems - innovative force "Made in Germany".

PRIME PANEL TOUCH INSTALLATION 15.6" / 21.5"

TECHNICAL DATA

prime
cube®

DESIGN		PRIME PANEL TOUCH INSTALLATION	
		15.6"	21.5"
Model Code		PPT1000ED_156	PPT1000ED_215
Dimensions (WxHxD)		406.5 x 255.4 x 64 mm	538.6 x 330.1 x 64 mm
Weight		4.22 kg	6.05 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		Display Port (Standard V1.2a)	
		DVI-D 1.0 (DVI-I jack)	
		USB-Hub - 2x USB2.0 (USB-A jack), optional	
Power Consumption		1.17 A / 28.08 W	1.1 A / 26.4 W
Voltage Supply		24 V DC (20,8...28,8 V DC), internal line filter	
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.

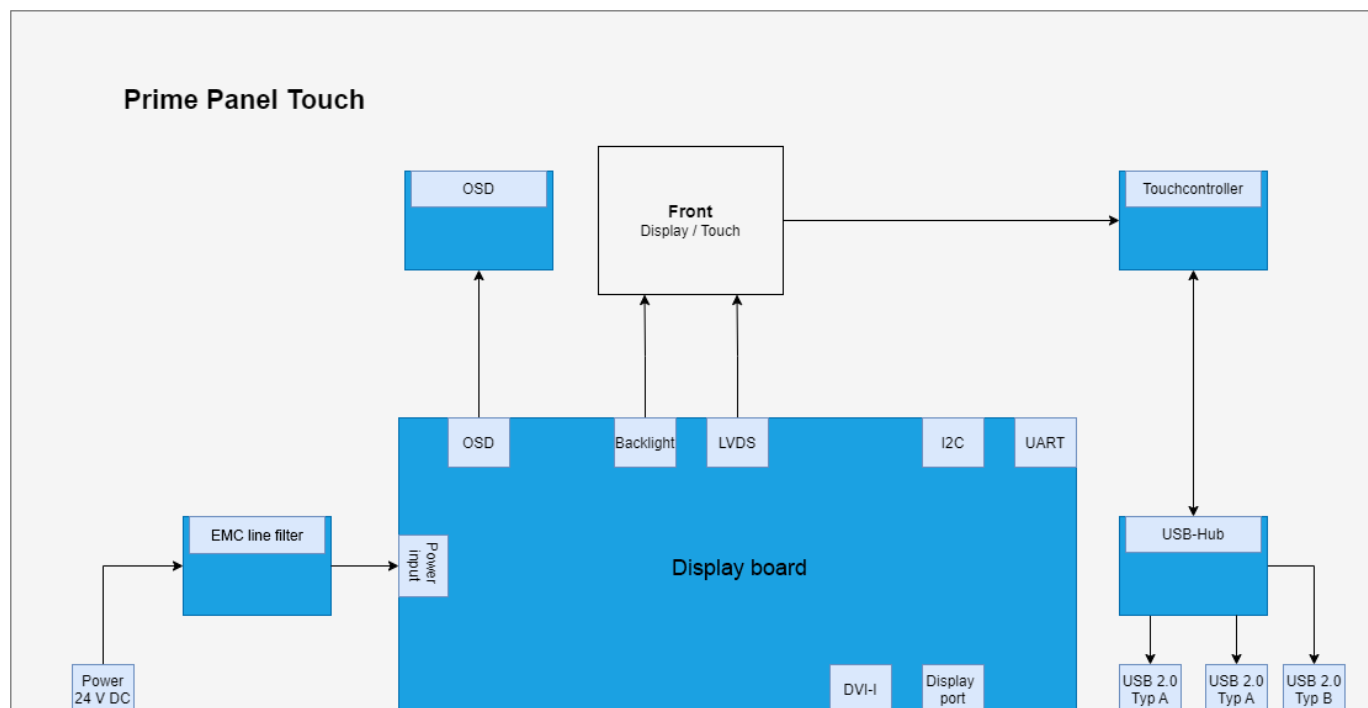
Please find dimensional drawings as downloads on our [website](https://www.schubert-system-elektronik.de). 3D-models on request via e-mail to vertrieb@schubert-system-elektronik.de.

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PRIME PANEL TOUCH INSTALLATION 15.6" / 21.5"

CIRCUIT DIAGRAM

prime
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