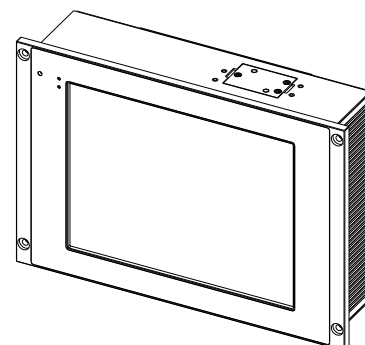


APBDA0L023K0BA

Panel computer

- Intel® Atom™ single core
- 2 GB RAM, 4 GB SLC Flash
- TFT 10.4" display, (1024 × 768) resolution
- Resistive touch
- 1 × Ethernet 100 Mbps, M12 push-pull
- 2 × USB 2.0 type A
- Designed in accordance with EN 50155



TECHNICAL DATA

CPU	Intel Atom E3815 Single-Core 1.46 GHz, 2 GB RAM DDR3, 4 GB SLC Flash
RTC Backup	Lithium battery BR2477/CHCE, Panasonic
Operating system	Without OS
Display	TFT 10.4", 1024 × 768, 16.2 M colours
Brightness, contrast	Typically 500 cd/m ² , typically 1200:1
View angle	Typically horizontally 176°, vertically 176°
Backlight / lifetime	LED / 50 000 hours *)
Touch screen	Resistive
Peripherals	
USB	2 × USB 2.0 type A
Ethernet	1 × 100 Mbps / M12 Harting push-pull
Light sensor	1 × Ambient light measurement
Power supply	16.8 V to 50.4 V DC
Power connector	WAGO 769-634
Miscellaneous	
Mounting	Into wall or dashboard
Colour	Black fine matte RAL9005
Cover protection rate Front panel / back cover	IP65 / IP20
Operation temperature range	-30 °C to 70 °C
Storage temperature range	-30 °C to 70 °C
Max. ambient humidity	< 95 %, non-condensing
Weight	Max. 3.5 kg
Dimensions (w × h × d)	(345 × 217 × 82) mm **)

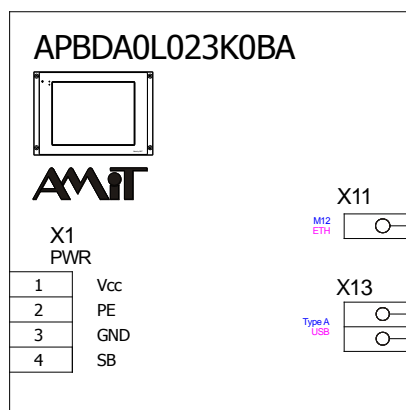
*) Luminance drop to 50 %.

***) Without connectors.

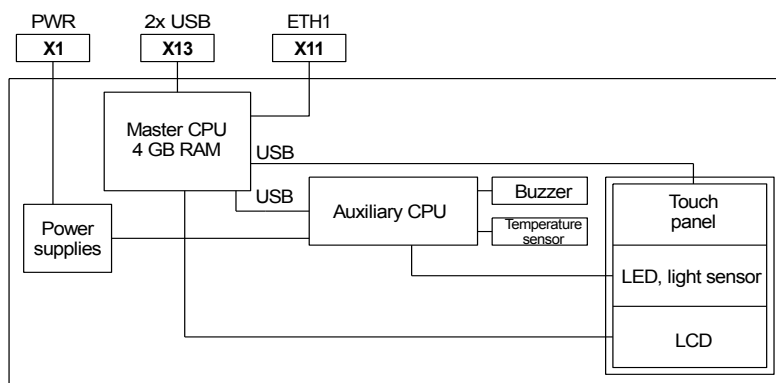
ORDERING INFORMATION

APBDA0L023K0BA	Panel computer, power supply connector counterpart, routine test protocol, insulation test protocol, certificate of product quality and completeness
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RECOMMENDED DRAWING SYMBOL



BLOCK DIAGRAM

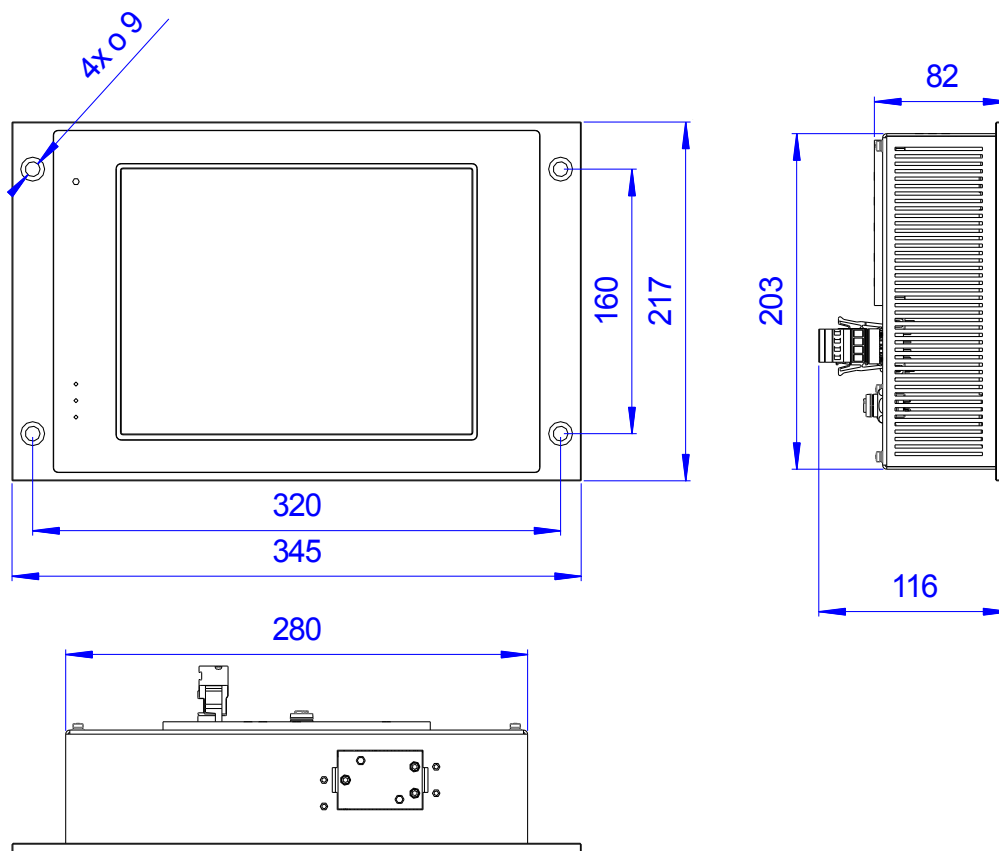


POWER SUPPLY CONNECTOR ASSIGNMENT

Pin	Symbol	Description
1	Vcc	Power supply
2	PE	Computer chassis
3	GND	Power supply, GND
4	SB	Turning the computer ON

CONNECTORS LOCATION AND DIMENSIONS

All dimensions are in mm.



Data provided in this datasheet are only informative. Documentation and examples can be downloaded from www.amit-transportation.com.