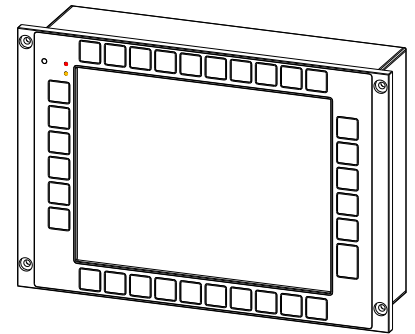


AWBDB0LA10B2CA

Panel computer

- Intel® Atom™ 1.46 GHz, Single Core, 2 GB RAM
- TFT 10.4" display, (1024 × 768) pixels
- Capacitive touchscreen
- Front panel illuminated keyboard with 32 keys
- Designed in accordance with EN 50155



TECHNICAL DATA

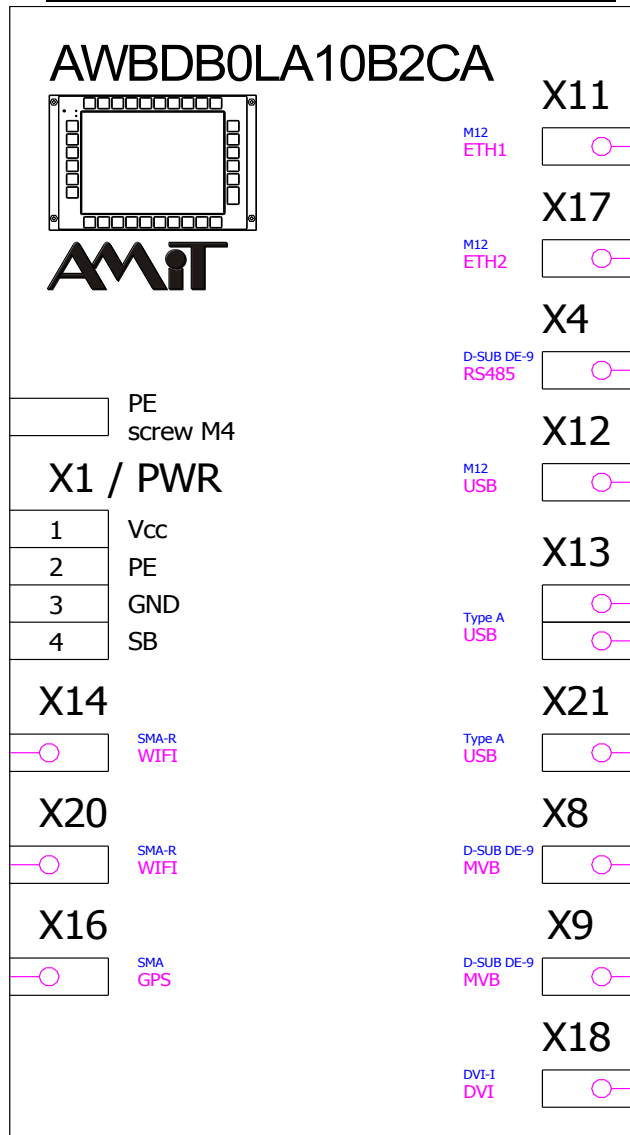
CPU	Intel ATOM E3815 Single-Core, 1.46 GHz 2 GB RAM DDR3, 4 GB FLASH
RTC Backup	Lithium battery BR2477, Panasonic
Operating system	Without OS
Display	TFT 10.4", 1024 × 768, 16.7M colours
Brightness, contrast	Typically 500 cd/m ² , typically 1200:1
View angle	Typically 176° horizontally, 176° vertically
Backlight / lifetime	LED / 50 000 hours *)
Touch screen	Capacitive touch panel
Peripherals	
Keyboard	32 keys UIC612-01 compatible
USB	1 × USB 2.0 / M12-5pin A-coded 2 × USB 2.0 type A, 1 × USB 3.0 type A
Ethernet	2 × 100 Mbps / M12-4pin D-coded Harting PushPull
RS485	1 × RS485 with Galvanic Isolation
MVB	1 × MVB line
WiFi	1 × 802.11ac, 2×2 MIMO
GPS	1 × GPS Telit JN3
Light sensor	1 × Ambient light measurement
CFast	1 × CFast card slot
DVI	1 × DVI output (without galvanic isolation)
Power supply	
Power supply voltage range	16.8 V to 50.4 V DC
Power connector	WAGO 769-104/021-000
Miscellaneous	
Mounting	Into wall or dashboard
Colour – Front panel – Foil keyboard – Back cover	Black fine matte RAL9005 Grey RAL7016 Black smooth 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	3.9 kg ± 5%
Dimensions (W × H × D)	According to UIC612-01 (310 × 214 × 94) mm

*) Luminance drop to 50 %.

ORDERING INFORMATION

AWBDB0LA10B2CA	Vehicle Computer, Certificate of product quality and completeness, Routine test protocol, Insulation test protocol, WAGO connector counterpart
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RECOMMENDED DRAWING SYMBOL



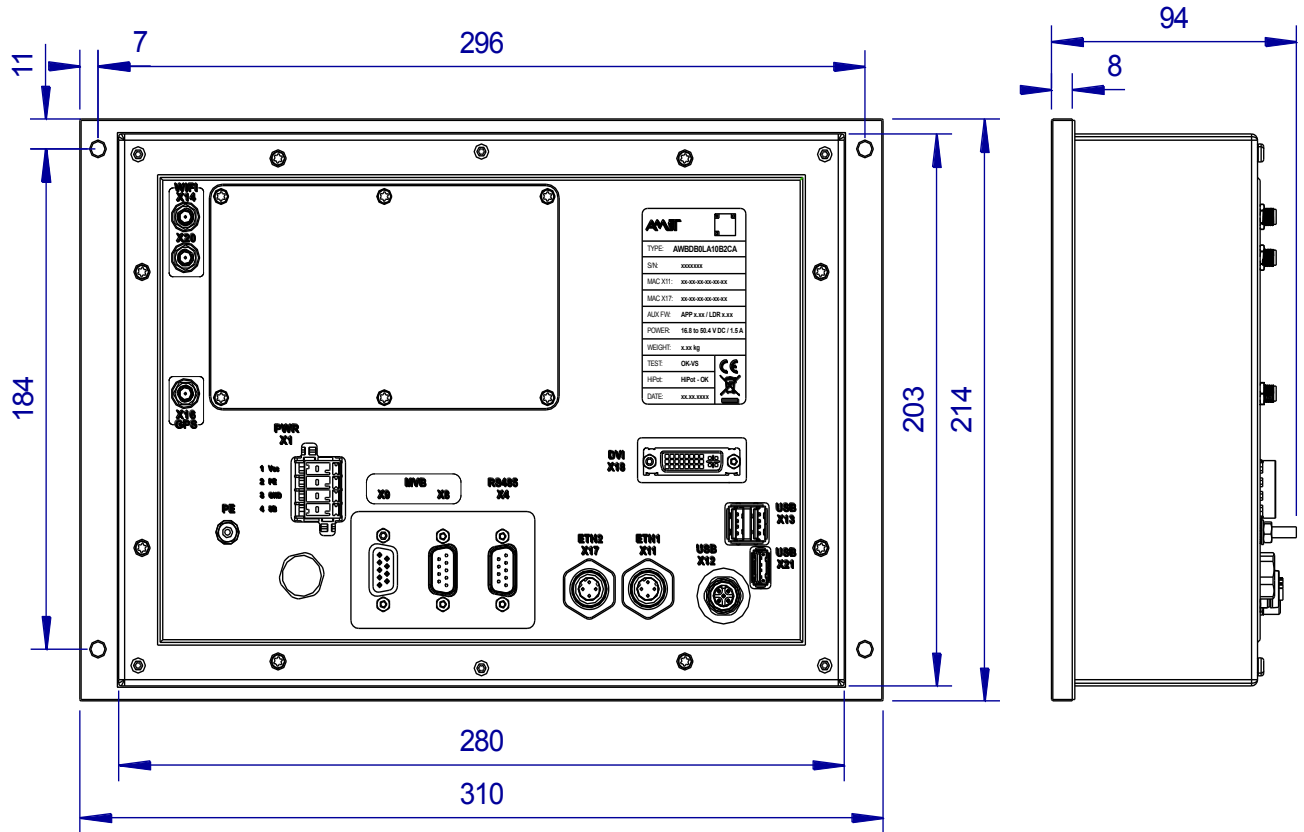
POWER SUPPLY ASSIGNMENT

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

AWBDB0LA10B2CA

Panel computer

CONNECTOR LOCATION AND DIMENSIONS



Data provided in this datasheet is tentative. Detailed information can be found in family operational guide (file: [awbxxx_g_en_xxx.pdf](#)).