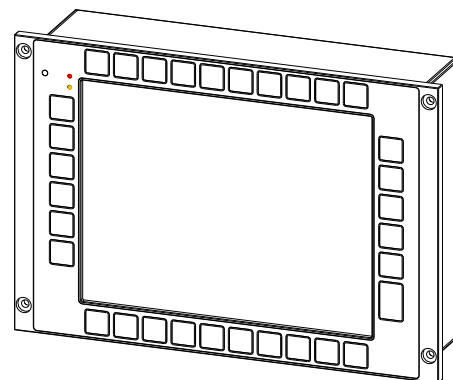


AWBHB0LF40B2BA

Panel computer

- Intel® Atom™ 1.91 GHz, Quad Core, 4 GB RAM
- TFT 10.4" display, (1024 × 768) pixels
- Resistive touchscreen
- Front panel illuminated keyboard with 32 keys
- Designed in accordance with EN 50155



TECHNICAL DATA

CPU	Intel ATOM E3845 Quad-Core, 1.91 GHz 4 GB RAM DDR3, no FLASH memory
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	Resistive 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 × RS422 with Galvanic Isolation
MVB	1 × MVB line
WiFi	1 × 802.11ac, 2x2 MIMO
GSM/GPS	1 × LTE/GPRS, GSM/A-GPS/GLONASS
Light sensor	1 × Ambient light measurement
CFast	1 × CFast card slot
SSD	1 × miniPCIe slot
Power supply	
Power supply voltage range	16.8 V to 50.4 V DC
Power connector	M12, 4pin, A-coded
Power connector counterpart	CONEC 43-00421**
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

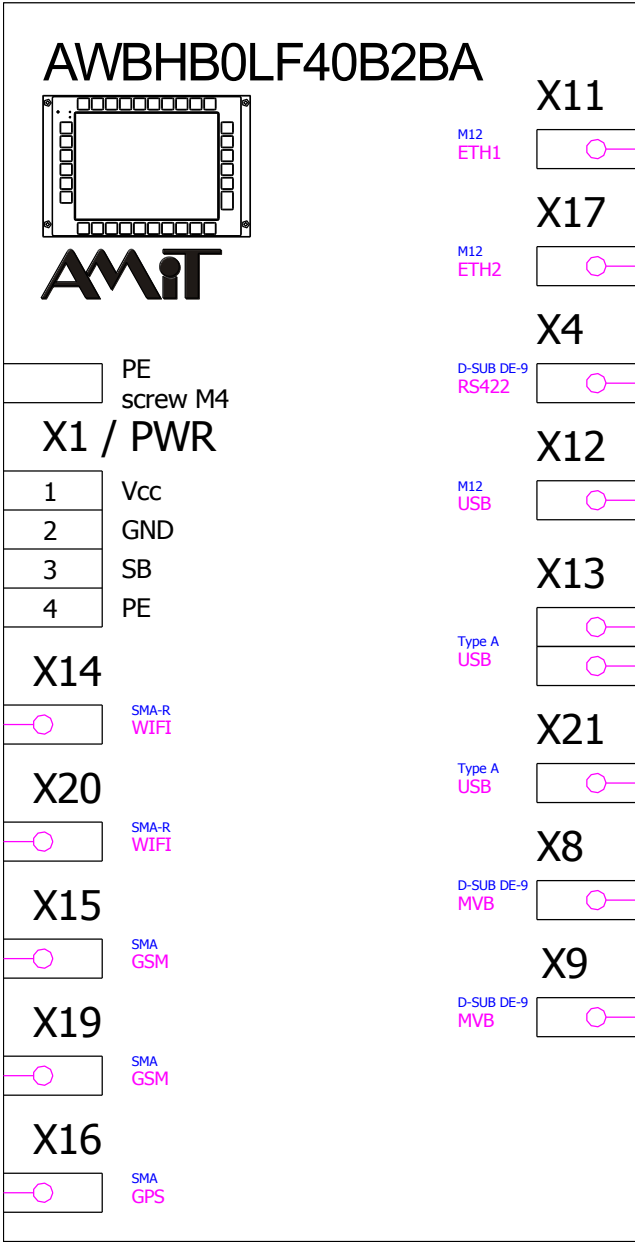
*) Luminance drop to 50 %.

**) Not part of delivery.

ORDERING INFORMATION

AWBHB0LF40B2BA	Vehicle Computer, certificate of product quality and completeness, routine test protocol, insulation test protocol
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RECOMMENDED DRAWING SYMBOL



POWER SUPPLY ASSIGNMENT

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

