

# Panel Computers

Electronics  
for Rolling Stock  
and Public Transport



Panel  
computers  
**APBxxx**



- Versions with TFT 10,4" , 12,1" and touch screen
- Up to 32 keys with backlight which can be customised
- No moving parts (fan or HDD)
- Operation system Linux or Windows
- Wide operating temperature range -30 °C to 70 °C
- Wide range of power supply voltages 24 V / 36 V / 72V / 110 V (-30 % to +25 %)
- EN 50155 compliant

# Panel Computers



## APBxxx

<b>Processor</b>	Intel BayTrail E3815, <b>Single Core</b> , 1,46 GHz 2GB RAM, 4GB SATA SLC Flash Intel BayTrail E3845, <b>Quad Core</b> , 1,91 GHz 4GB RAM NoFlash
FLASH	None / CFast slot only / mSATA
Operation system	None / Linux / Windows Embedded Standard 7 E
<b>Display</b>	TFT LCD 10,4", 12,1"
Keyboard	None / 32 keys / UIC612-01, 26 keys
Touch screen	None / Resistive / Capacitive / PCT
USB	2 × USB 2.0 type A, 1 × USB 2.0 M12, 5-pin, A-code
Ethernet interface	1 / 2 × Ethernet 10 / 100 / 1000 Mbps ( <b>RJ45</b> ) 1 / 2 × Ethernet 10 / 100 Mbps ( <b>M12, D-coded</b> )
<b>Power supply</b>	24 V / 36 V / 72V / 110 V (-30 % to +25 %)
Protection front panel / back panel	IP65 / IP20
Operating temperature range	-30 °C to 70 °C
Mounting	Front panel - 4 holes in corners
Weight	Typ. 4,00 kg
<b>Standards</b>	<b>EN 50155, EN 50121-3-2, EN 61373, EN 45545-2</b>



- Rugged and temperature-durable on-board computers for rolling stock applications
- Used as HMI units for driver's desk, control of passenger information system, surveillance system control/display unit or diagnostics and communication units

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