

Quadro de Características *Table of Characteristics*

General	Model	PPCRW133-XX.YY.Z
	Type	Railway Panel PC
Structure	Housing material	Fully Enclosed Aluminum Alloy Material
	Installation	Embedded (VESA) / Wall-Mounted
	Dimensions	343.5 mm x 214 mm x 57 mm
Screen	Screen size	13.3 inch TFT LED Screen, 16:9
	Resolution	1920x1080
	Orientation	Portrait/Landscape
	Brightness	1000 nits (with automatic adjustment)
	Contrast	800:1
	Largest Colorful	16M
Power	Input Voltage	DC 9-36 V
	Connector	2 Pin Phoenix terminal ports / M12
Environment	Operating Temperature	- 25°C ~+60 °C
	Working Mode	24/7 stable operation supported
	Heat Dissipation	Fanless design, conduction heat dissipation
System	Operating System	Windows 10 / Windows 11 / Linux
	BIOS	AMI UEFI BIOS
	CPU	Intel Celeron J6412/N100/i3/i5/i7
	Memory	8 GB DDR4 RAM (Up to 32 GB)
	Storage	256 GB (Up to 1 TB)
Interfaces	Ethernet	2 x RJ-45 (M12 X-Code Female Type)
	USB	2 x USB 3.0 /Type-A) – Internal
	Digital I/O	4 x Channels DIDO (M12 A-Code)
	Shutdown Control	ACC Interface (Power connector)

Standards and Certifications	Front Panel Protection	<i>IP65 (waterproof)</i>
	FCC	<i>Federal Communications Commission (USA)</i>
	IEC	<i>International Electrotechnical Commission</i>
	RoHS	<i>Restriction of Hazardous Substances</i>
	CE	<i>European Conformity</i>
	EAC	<i>Eurasian Conformity</i>
	EN50155	<i>Railway EMC</i>
	EN45545	<i>Railway Fire and Smoke</i>