ITRP-2845-WHL0-WG00

28" EN50155 Railway Full IP65 Fanless Panel PC

EN50155 Compliant for railway

IP65 Waterproof

Wide Viewing Angle

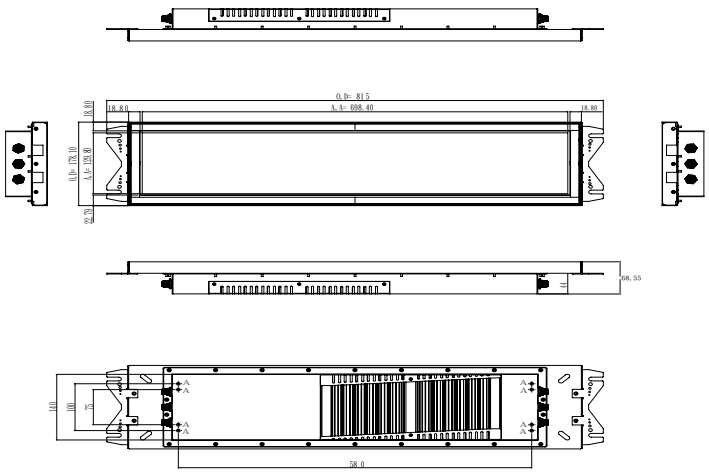
Key Features

- Intel® 8th Gen Core™ i7/i5/i3 / Celeron® Processor onboard
- 28" LCD, 1920 x 357, 1000 nits
- EN50155 Compliant for Railway Application
- Full IP65 and fanless design
- M12 connector for 1xLAN, 2xUSB, 1HDMI,1PWR
- Anti-Shock and vibration

Product Specification

System color	Black
Machanical	Aluminum extrusion and heavy-duty steel
Display	
Display type	28" Resizing TFT LCD
Resolution	1920x357 pixel
Luminance/Brightness	1000 cd/m^2
Color	16.7M colors
Pixel pitch (H/V)	0.3637mm x 0.3637mm
Contrast ratio	6500:1
Viewing angle (H/V)	178°/178° (typ.)
Backlight MTBF	70,000 hrs (typ.)
Glass type	3mm Tempered Glass
Main System	
Processor	Intel® Core™ i7-8665UE Processor Quad Core (8M Cache, UP to 4.4 GHz) Intel® Core™ i5-8365UE Processor Quad Core (6M Cache, UP to 4.1 GHz) Intel® Core™ i7-8145UE Processor Dual Core (4M Cache, UP to 3.9 GHz) Intel® Celeron® Processor 4305UE Dual Core (2M Cache, 2.0 GHz)
Chipset	Intel® Whiskey Lake-U Processor integrated
Graphic	Intel® Gen 9.5 UHD 620 Graphics integrated
Memory	1 x 260-pin DDR4 2133MHz SDRAM; max. up to 16GB
System I/O	1x M12 GbE, 1x M12 USB 2.0(2port), 1x M12 HDMI
Ethernet	1 x Gigabit Ethernet (1 x Intel® I211,)
Storage support	1 x M.2 M-Key 2280 (SATA, NVMe)
Expansion slot	1 x Mini-PCIe (SATA, Full-size)
System indicators	N/A
System controls	N/A
Watchdog timer	Interval: Programmable 1 ~ 255 sec. Output: System reset
OS Support	Win10
Power supply	DC17~31V input, M12 connector (DC67.2~143V. or DC34~62V)
Mounting kit	VESA mount、Panle Mount
Environment	
IP level	Full IP65
Operating temperature	EN50155 T1 ; -25°C ~ 55°C
Storage temperature	-40°C ~ 80°C
Vibration,Shock	EN50155
Relative humidity	0% ~ 90% (non-condensing)
Dimensions	744 mm(W) x 178.1 mm(H) x 68.6 mm(D) w/o brackets
Weight	6.94 kg

Dimensions



Ordering Information

Part Number	Description
ITRP-2845-WHL0-WG00-1001	IP65 Railway Fanless panel PC ,28", 1000nits, 1920x357, 3mm glass, Intel® Celeron® 4305U 2.2GHz dual core, 4GB DDR4,64GB M.2 ,1HDMI, 2 USB, 1LAN, DC17~31V input with M12 connector
ITRP-2845-WHL0-WG00-2001	IP65 Railway Fanless panel PC ,28", 1000nits, 1920x357, 3mm glass, Intel® Core™ i3-8145U 3.9GHz dual core, 4GB DDR4,64GB M.2 ,1HDMI, 2 USB, 1LAN, DC17~31V input with M12 connector
ITRP-2845-WHL0-WG00-3001	IP65 Railway Fanless panel PC ,28", 1000nits, 1920x357, 3mm glass, Intel® Core™ i5-8365U 4.1GHz 4 core, 4GB DDR4,64GB M.2 ,1HDMI, 2 USB, 1LAN, DC17~31V input with M12 connector
ITRP-2845-WHL0-WG00-4001	IP65 Railway Fanless panel PC ,28", 1000nits, 1920x357, 3mm glass, Intel® Core™ i7-8665U 4.8GHz 4 core, 4GB DDR4,64GB M.2 ,1HDMI, 2 USB, 1LAN, DC17~31V input with M12 connector

Accessories list

Part Number	Description
ITRP-001	2M M12 Cable for LAN
ITRP-002	2M M12 Cable for USB
ITRP-003	2M M12 Cable for COM
ITRP-004	2M M12 Cable for HDMI
ITRP-005	2M M12 Cable for Power

*All specifications and photos are subject to change without prior notice