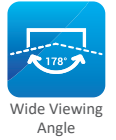


# ITRP-3805-EHL1-WG00

37.6" EN50155 Railway Full IP65 Fanless Panel PC



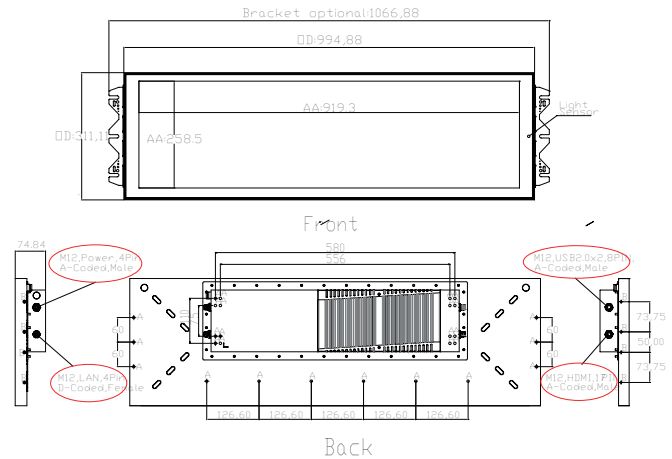
## Key Features

- Intel® Elkhart Lake Atom®/ Celeron® support
- 37.6" LCD, 1920 x 540, 1000 nits
- EN50155 & EN45545 certified for railway
- Full IP65 and fanless design
- Support 17~31V or 34~62VDC or 67~143V input with M12 connector
- Anti-Shock and vibration

## Product Specification

System color	Black
Machanical	Aluminum extrusion and heavy-duty steel
Display	
Display type	37.6" Resizing TFT LCD
Resolution	1920x540 pixel
Display area (mm)	919.296(H) x 258.5(V)
Luminance/Brightness	1000 cd/m <sup>2</sup>
Color	16.7M colors
Pixel pitch (H/V)	0.4788mm x 0.4788mm
Contrast ratio	8000:1
Viewing angle (H/V)	178°/178° (typ.)
Backlight MTBF	100,000 hrs (typ.)
Glass type	3mm Tempered Glass
Main System	
Processor	Atom® x6413E (1.5GHz/3.0GHz, QC, 16EU, 9W) Celeron® J6412 (2.0GHz/2.6GHz, QC, 16EU, 10W)
Chipset	Intel® Elkhart Lake SoC integrated
Graphic	Intel UHD Graphics 10th Gen Graphics
Memory	1 x 260-pin DDR4 3200MHz SDRAM; max. up to 32GB
System I/O	1x HDMI, 2 x USB 2.0, 1 x LAN, 1xPWR Connector Type: M12
Ethernet	1 x Gigabit Ethernet
Storage support	1 x M.2 B+M-Key 3042 (WWAN, w/ uSIM) / 2242 (SSD)
System indicators	N/A
System controls	N/A
Watchdog timer	Interval: Programmable 1 ~ 255 sec. Output: System reset
OS Support	Win10, Linux
Power supply	DC17~31V input, M12 connector (DC 34~62V or DC 67~143 optional)
Mounting kit	VESA mount
Environment	
IP level	Full IP65
Operating temperature	EN50155 T1 ; -25°C ~ 55°C
Storage temperature	-30°C ~ 80°C
Vibration, Shock	EN50155
Relative humidity	0% ~ 90% (non-condensing)
Dimensions	1066.88 mm(W) x 311.11 mm(D) x 74.84 mm(H)
Weight	11.5kg

## Dimensions



## Ordering Information

Part Number	Description
ITRP-3805-EHL1-WG00-1001	IP65 Railway Fanless panel PC ,37.6",1000nits,1920*540, LID38B,3mm glass,Intel Atom x6413E,4GB DDR4,128GB SSD,M12 for 1LAN/1HDMI/1USB/1PWR,EN50155,DC17~31V input
ITRP-3805-EHL1-WG00-2001	IP65 Railway Fanless panel PC ,37.6",1000nits,1920*540, LID38B,3mm glass,Intel Celeron J6412,4GB DDR4,128GB SSD,M12 for 1LAN/1HDMI/1USB/1PWR,EN50155,DC17~31V input

## 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