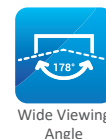


ITRP-2845-EHL1-WG01

28" EN50155 Railway Full IP65 Fanless Panel PC



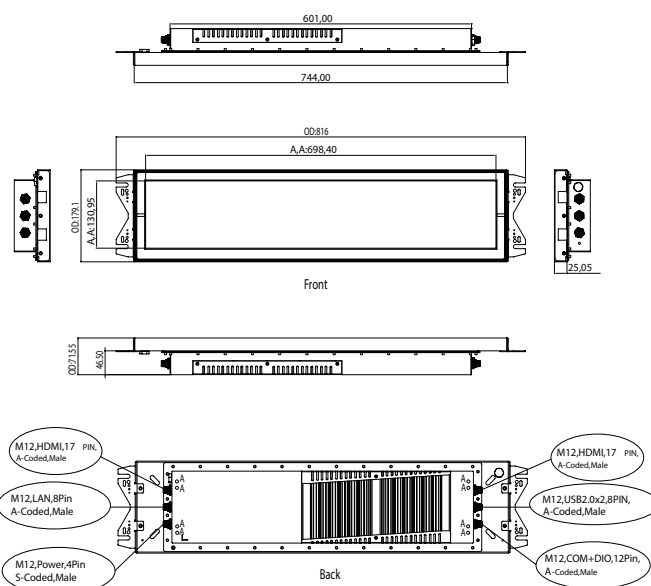
Key Features

- Intel® Elkhart Lake Atom® / Celeron® support
- 28" LCD, 1920 x 360, 1000 nits
- EN50155 certificated for railway
- Full IP65 and fanless design
- Support 17~31V or 34~62VDC or 67~143V input with M12 connector
- Anti-Shock and vibration
- LCD blacking detect free (H Tni 110°C)

Product Specification

System color	Black
Mechanical	Aluminum extrusion and heavy-duty steel
Display	
Display type	28" Resizing TFT LCD
Resolution	1920x360 pixel
Luminance/Brightness	1000 cd/m ²
Color	16.7M colors
Pixel pitch (H/V)	0.3637mm x 0.3637mm
Contrast ratio	3000:1
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	2x HDMI, 2 x USB 2.0(1port), 1 x LAN , 1xCOM+DIO(1port), 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)
Power consumption	50W
Mounting kit	VESA mount
Environment	
IP level	Full IP65
Operating temperature	EN50155 T3 ; -25°C ~ 70°C
Storage temperature	-40°C ~ 80°C
Vibration, Shock	EN50155
Relative humidity	0% ~ 90% (non-condensing)
Dimensions	816mm(W) x 71.55 mm(D) x 179.1 mm(H)
Weight	7.5kg

Dimensions



Ordering Information

Part Number	Description
ITRP-2845-EHL1-WG01-1001	IP65 Railway Fanless panel PC ,28", 1000nits, 1920x360, 3mm glass, Intel Atom x6413E, 4GB DDR4, 128GB SSD, M12 for 1LAN/2HDMI/2COM/2USB/1PWR, EN50155, DC17~31V input
ITRP-2845-EHL1-WG01-2001	IP65 Railway Fanless panel PC ,28", 1000nits, 1920x360, 3mm glass, Intel Celeron J6412, 4GB DDR4, 128GB SSD, M12 for 1LAN/2HDMI/2COM/2USB/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