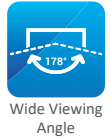


# ITRP-2845-SKL2-WG00

28" EN50155 Railway Full IP65 Fanless Panel PC



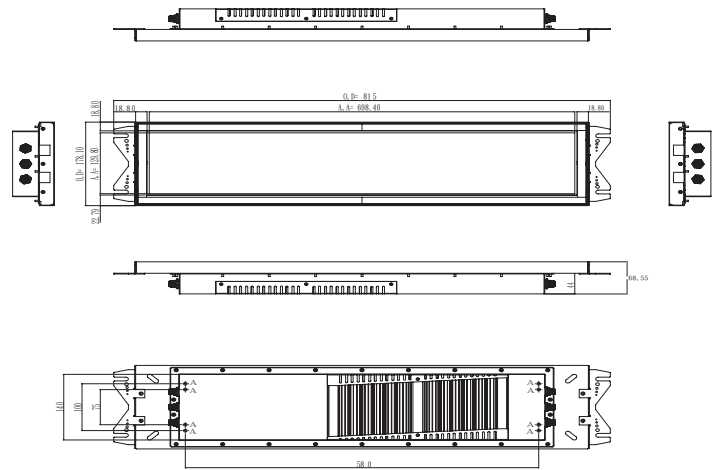
## Key Features

- Intel® 6th Skylake mobile processor support
- 28" LCD, 1920 x 357, 1000 nits
- EN50155 certificated for railway
- Full IP65 and fanless design
- Support 24/36/48/72/96/110 VDC input with M12 connector
- Anti-Shock and vibration

## Product Specification

System color	Black
Mechanical	Aluminum extrusion and heavy-duty steel
Display	
Display type	28" Resizing TFT LCD
Resolution	1920x357 pixel
Luminance/Brightness	1000 cd/m <sup>2</sup>
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™ i7-6600U 2.6GHz dual coreprocessor (TDP 15W) Intel® Core™ i5-6300U 2.4GHz dual coreprocessor (TDP 15W) Intel® Core™ i3-6100U 2.3GHz dual coreprocessor (TDP 15W) Intel® Celeron® 3955U 2.0GHz dual coreprocessor (TDP 15W)
Chipset	Intel® Skylake-U integrated
Graphic	Intel® HD Graphics 520/510
Memory	1 x 260-pin DDR4 2133MHz SDRAM; max. up to 16GB
System I/O	1 x COM ,1x HDMI, 2 x USB 2.0, 2 x LAN Connector Type: M12
Ethernet	2 x Gigabit Ethernet (1 x Intel® I210, 1 x Intel®I219LM)
Storage support	1 x mSATA
Expansion slot	1 x Mini-PCIe (Full size with SIM) 1 x Mini-PCIe (Full size, share with mSATA)
System indicators	N/A
System controls	N/A
Watchdog timer	Interval: Programmable 1 ~ 255 sec. Output: System reset
OS Support	Win7, Win8.1, Win10, Linux
Power supply	110 Vdc input, M12 connector (24/36/48/72/96 Vdc optional)
Mounting kit	VESA 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	815 mm(W) x 68.6 mm(D) x 78.1 mm(H)
Weight	6.94 kg

## Dimensions



## Ordering Information

Part Number	Description
ITRP-2845-SKL2-WG00-1001	IP65 Railway Fanless panel PC ,28", 1000nits, 1920x357, 3mm glass, Intel® Celeron® 3955U 2.0GHz dual core, 4GB DDR4,64GB mSATA,1HDMI, 2 USB, 1COM, 2LAN, DC110V input with M12 connector,EN50155
ITRP-2845-SKL2-WG00-2001	IP65 Railway Fanless panel PC ,28", 1000nits, 1920x357, 3mm glass, Intel® Core™ i3-6100U 2.3GHz dual core, 4GB DDR4,64GB mSATA,1HDMI, 2 USB, 1COM, 2LAN, DC110V input with M12 connector,EN50155
ITRP-2845-SKL2-WG00-3001	IP65 Railway Fanless panel PC ,28", 1000nits, 1920x357, 3mm glass, Intel® Core™ i5-6300U 2.4GHz dual core, 4GB DDR4,64GB mSATA,1HDMI, 2 USB, 1COM, 2LAN, DC110V input with M12 connector,EN50155
ITRP-2845-SKL2-WG00-4001	IP65 Railway Fanless panel PC ,28", 1000nits, 1920x357, 3mm glass, Intel® Core™ i7-6600U 2.6GHz dual core, 4GB DDR4,64GB mSATA,1HDMI, 2 USB, 1COM, 2LAN, DC110V input with M12 connector,EN50155

## 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