

ITRP-2845-SKL2-WG00

28" EN50155 Railway Full IP65 Fanless Panel PC



Transportation Panel PCs



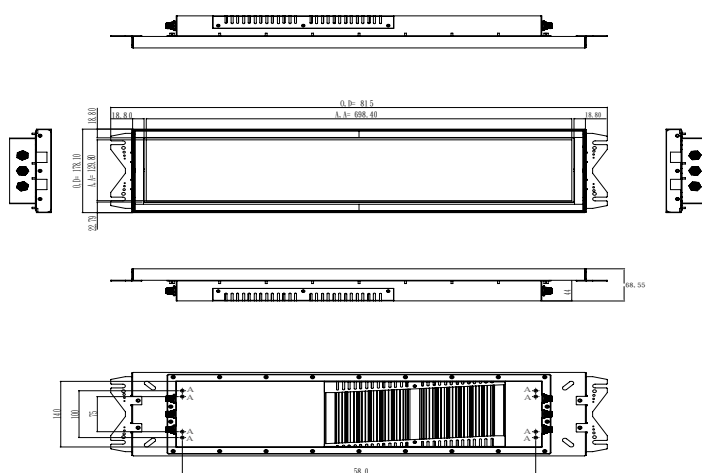
Key Features

- Intel® 6th Gen Core i7/i5/i3/Celeron (Skylake-U) processor support
- 28" LCD, 1920 x 357, 1000 nits
- EN50155 Compliant for Railway Application
- Full IP65 and fanless design
- M12 connector for Dual GbE, USB, COM, Power input
- 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 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™ i7-6600U 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 Gen. 9 Graphics
Memory	1 x 260-pin DDR4 2133MHz SDRAM; max. up to 16GB
System I/O	2x M12 GbE, 2x M12 USB 2.0, 1x M12 HDMI, 1x M12 COMs
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 178.1 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



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