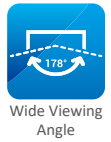


# ITRP-2845-SKL2-WG00

28" EN50155 Railway Full IP65 Fanless Panel PC



Transportation Panel PCs



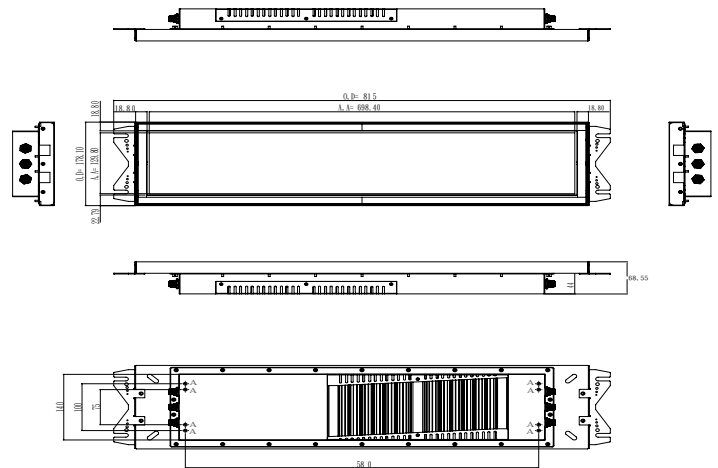
## Key Features

- 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 <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)<br>Intel® Core™ i5-6300U 2.4GHz dual coreprocessor (TDP 15W)<br>Intel® Core™ i3-6100U 2.3GHz dual coreprocessor (TDP 15W)<br>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,<br>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)<br>1 x Mini-PCIe (Full size, share with mSATA)  |
| System indicators     | N/A  |
| System controls       | N/A  |
| Watchdog timer        | Interval: Programmable 1 ~ 255 sec.<br>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 |