

# IPPS-4825-APL7

48" Railway & Metro Dynamic Route Map Display Panel PC



Transportation



Fanless



Wide Viewing Angle



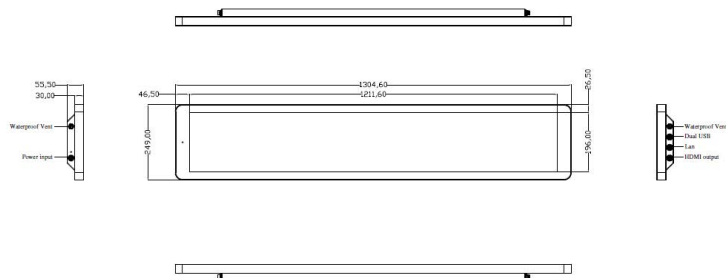
## Key Features

- Intel® Apollo Lake Atom® SoC
- 48" 3840x616, 1000nit
- High Brightness; Sunlight Readable
- Auto Dimming (optional)
- 3mm Glass with IP65 Full Flat Design Display
- Thickness 25mm; 1.5mm Slim Border
- AC110/220V; DC9-36; DC110V input (optional)

## Product Specification

|                       |                                                                                                                                                                                                                  |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| System color          | Dark Gray                                                                                                                                                                                                        |
| Machanical            | Aluminum Frame with Stainless Steel                                                                                                                                                                              |
| Display               |                                                                                                                                                                                                                  |
| Display type          | 48" Resizing TFT LCD                                                                                                                                                                                             |
| Resolution            | 3840x616 pixel                                                                                                                                                                                                   |
| Luminance/Brightness  | 1000 cd/m <sup>2</sup>                                                                                                                                                                                           |
| Color                 | 16.7M colors                                                                                                                                                                                                     |
| Pixel pitch (H/V)     | 0.31mm x 0.31mm                                                                                                                                                                                                  |
| Contrast ratio        | 5000:1                                                                                                                                                                                                           |
| Viewing angle (H/V)   | 178°/178° (typ.)                                                                                                                                                                                                 |
| Backlight MTBF        | 100,000 hrs (typ.)                                                                                                                                                                                               |
| Glass type            | 3mm Tempered Glass                                                                                                                                                                                               |
| Main System           |                                                                                                                                                                                                                  |
| Processor             | Intel® Celeron® N3350 DC 1.1GHz (6W)<br>Intel® Pentium® N4200 QC 1.1GHz (6W)<br>Intel® Atom® x7 E3950 QC 1.6GHz (12W)<br>Intel® Atom® x5 E3940 QC 1.6GHz (9.5W) Prefer<br>Intel® Atom® x3 E3930 DC 1.3GHz (6.5W) |
| Chipset               | Intel® Apollo Lake integrated                                                                                                                                                                                    |
| Graphic               | Intel® HD Gen 9-LP Graphics                                                                                                                                                                                      |
| Memory                | 1 x DDR3L SDRAM; max. up to 8GB                                                                                                                                                                                  |
| System I/O            | 1 x HDMI, LAN, USB port w/ M12 Connector<br>Can add COM, USB Port                                                                                                                                                |
| Ethernet              | Gigabit Ethernet (Intel® I211GbE)                                                                                                                                                                                |
| Storage support       | 1 x M.2 SATA SSD                                                                                                                                                                                                 |
| System indicators     | N/A                                                                                                                                                                                                              |
| System controls       | N/A                                                                                                                                                                                                              |
| Watchdog timer        | Interval: Programmable 1 ~ 255 sec.<br>Output: System reset                                                                                                                                                      |
| OS Support            | Win10 IOT, Linux                                                                                                                                                                                                 |
| Power supply          | AC 110-240V                                                                                                                                                                                                      |
| Mounting kit          | Wall Mount                                                                                                                                                                                                       |
| Environment           |                                                                                                                                                                                                                  |
| IP level              | Full IP65 Compliant                                                                                                                                                                                              |
| Operating temperature | 0°C ~ 50°C                                                                                                                                                                                                       |
| Storage temperature   | -20°C ~ 60°C                                                                                                                                                                                                     |
| Relative humidity     | 0% ~ 90% (non-condensing)                                                                                                                                                                                        |
| Dimensions            | 1304.6 mm(W) x 55 mm(D) x 249 mm(H)                                                                                                                                                                              |
| Weight                | 12 kg                                                                                                                                                                                                            |

## Dimensions



## Accessories list

| Part Number | Description            |          |
|-------------|------------------------|----------|
| ITRP-001    | 2M M12 Cable for LAN   | Optional |
| ITRP-002    | 2M M12 Cable for USB   | Optional |
| ITRP-003    | 2M M12 Cable for COM   | Optional |
| ITRP-005    | 2M M12 Cable for Power | Optional |



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