

TY215-GS85C-MD

21.5" Intel® Core™ 8th I3/I5/I7 Processor
Industrial Panel PC



Features:

- Intel® Core 8th I3/I5/I7 processor
- 21.5" industrial-grade display, 10-point capacitive touch screen
- Standard 8GB DDR4 memory, maximum support 16GB
- 6*USB, 2*COM, 1*HD, 1*VGA
- 1* RJ45 Gigabit network interface
- The protection level of the front panel can reach IP65
- With front binocular recognition camera
- 5G full Netcom, dual-band WIFI

Specifications:

System Hardware

| | | | |
|----------|-------------------------------------------------------------|---------|--------------------------|
| CPU | Intel® Core™ 8th I3/I5/I7 processor | Memory | 8GB DDR4 RAM, up to 16GB |
| Watchdog | Support hardware reset function (256 levels, 0~255 seconds) | Storage | MSATA: 64GB, up to 512GB |

Display

| | | | |
|------------------|-------------------------|----------------|-----------------------|
| LCD Type | 21.5" LCD | Luminance | 250 cd/m ² |
| Touchscreen Type | capacitive touch screen | Contrast Ratio | 1000: 1 |
| Max. Resolution | 1920*1080 | | |

OS

| | |
|----|------------------------------|
| OS | Windows7/8.1/10、Linux、Ubuntu |
|----|------------------------------|

I/O Ports

| | | | |
|-------------|-----------------------------------|----------|-------------------------------------------------------------------------------|
| USB | 4*USB3.0, 2*USB2.0 | Expand | 1*Mini PCIe(dual-band Wifi, with 1 external antenna) |
| Serial port | 2*RS232 (optional 1~2*RS485) | Camera | Support 200W front infrared binocular recognition camera |
| LAN | 1* RJ45 Gigabit network interface | SIM Card | * External SIM card holder (support 5G full Netcom, with 4 external antennas) |
| Audio | 1*Line-out+1*Mic-in | | |
| Video | 1*HD, 1*VGA | | |
| GPIO | 1*GPIO(4 channels) (optional) | | |

Power

| | |
|--------------|------------------------------------------------------------------|
| Power Supply | Optional 9~36V wide voltage input, standard 12V/5A power adapter |
|--------------|------------------------------------------------------------------|

Environment

| | | | |
|-----------------|------------------------------|----------------------|----------------------------------------------------|
| Operating Temp. | -10°C~60°C, without air flow | Reliability | MTBF≥30000h; MTTR≤0.5h |
| Storage Temp. | -20°C~70°C | Shock Protection | 10G/11ms |
| Humidity | 95% @40°C, non-condensing | Vibration Protection | 5-19Hz/1.0mm amplitude; 19-200Hz/1.0g acceleration |
| IP Rating | Front panel IP65 | | |

Mechanical

| | | | |
|-------------------|-------------------------|----------|------------------------------------------------|
| Dimension (LxWxH) | 554*359*60.1mm | Material | Aluminum alloy panel all metal design |
| Weight | 9.3kg/10.5kg(N.W./G.W.) | Mounting | VESA installation: 100*100 mm |
| Color | Silver | | Embedded installation: 539.4*345.8mm, M4 screw |

Dimensions:

