



## Features

- 1. Front **waterproof and dustproof design**
- 2. Aluminum alloy enclosure, more resistant to corrosion, shock and vibration
- 3. Adopting **EETI solution** + industrial-grade capacitive touch, high performance
- 4. DC 12V power supply (DC24V, 9-36V Optional), support power-on boot, 7x24hours
- 5. High brightness **1000nits** for outdoor application, 400nits Optional for indoor

## Specification

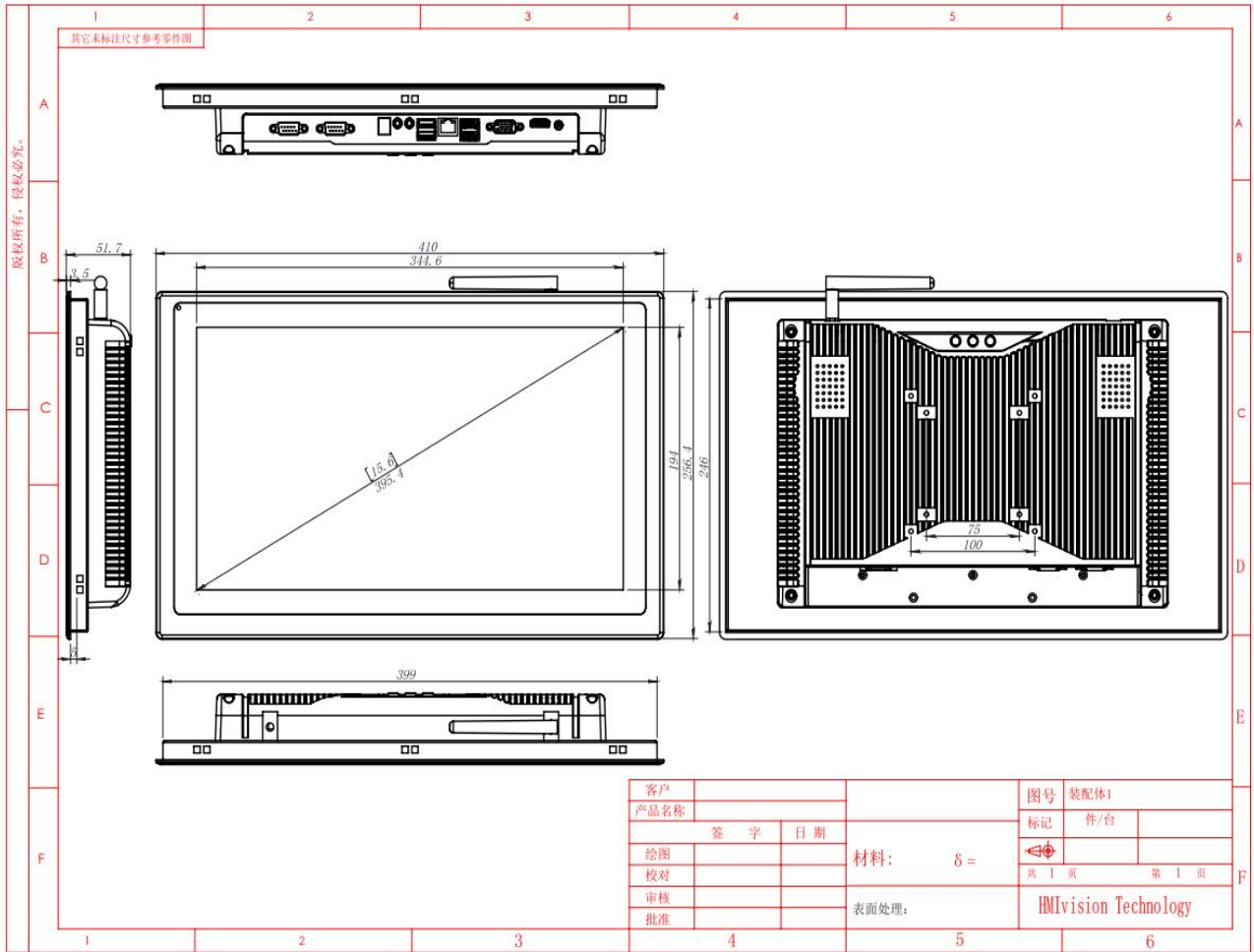
|           |     |                             |
|-----------|-----|-----------------------------|
| Mainboard | CPU | J1900/I3/I5/I7              |
|           | RAM | 2GB/4GB/8GB/16GB            |
|           | SSD | 32GB/64GB/128GB/256GB/512GB |

|                  |                          |  |  |
|------------------|--------------------------|--|--|
| Screen           | Panel size               | 15.6"  |  |
|                  | Resolution               | 1920*1080 16:9   |  |
|                  | Brightness               | 1000nits (cd/m <sup>2</sup> ) (400nits or 1500nits Optional) |  |
|                  | Touchscreen              | 10 points Capacitive Touch                                   |  |
|                  |                          | 5 wires Resistive Touch Optional                             |  |
|                  | Surface Treatment        | Anti-glare Glass (Optional)                                  |  |
|                  |                          | Optical Bonding (Optional)                                   |  |
|                  | Dimming                  | Auto-dimming with light sensor (Optional)                    |  |
|                  | Contrast ratio           | 800:1(Typ.)  |  |
| View Angle       | 80°/80°/80°/80°(R/L/U/D) |  |  |
| Surface Hardness | G+G ≥7H or ≥4=3H         |  |  |
| Working Life     | ≥50 million times        |  |  |

|              |                   |  |
|--------------|-------------------|--|
| Power Supply | Working voltage   | DC12V (DC24V, 9-36V Optional)                    |
| Environment  | Temperature       | Operating: -20°C to 70°C, storage: -30°C to 70°C |
|              | Relative humidity | 10%~90% @ 30° C, non-condensing                  |
| Enclosure    | Material          | Aluminum Alloy+Metal                             |
|              | Color             | Black  |
|              | VESA mounting     | 75x75mm/100x100mm                                |
|              | IP grade          | Front IP65 waterproof                            |
| Demision     | Net weight        | 3.5kg  |
|              | Gross weight      | 4.85kg   |
|              | Product size      | 410*257*42.8mm                                   |
|              | Packing size      | 500*350*180mm                                    |

|                |  |  |
|----------------|--|--|
| I/O Interfaces | 2xCOM, 2xUSB, 1xVGA, 1xHDMI, 2xLAN, 1xDC12V, 1xOn/Off    |  |
|                | 1xAudio, 1xSpeaker                                       |  |
|                | 1xDVI, 1x4G Module Optional                              |  |
| Accessories    | 1x12V 5A Adaptor, 1x Power Plug, 1xWall Mounting Bracket |  |
| OS             | Support Windows 7/8/10, WES, Linux, Ubuntu, Debian, etc. |  |
| Mountings      | Embedded mounting screws                                 |  |
|                | Wall mounting brackets; Desk stand holder (optional)     |  |
| Warranty       | 1-year free Warranty                                     |  |

**Drawing**



**Sizes**

| 7" 8"             | 10.1" 10.4"       | 12.1"             | 13.3"     | 15"   15.6"         | 17" 17.3" 18.5"     | 19" 19" wide       | 21.5" 23.8" 24" |
|-------------------|-------------------|-------------------|-----------|---------------------|---------------------|--------------------|-----------------|
| 1024*600 1024*768 | 1280*800 1024*768 | 1024*768 1280*800 | 1920*1080 | 1024*768 /1920*1080 | 1280*1024 1920*1080 | 1280*1024 1440*900 | 1920*1080       |
| 16:9 4:3          | 16:10 4:3         | 4:3 16:10         | 16:9      | 4:3   16:9          | 4:3 16:9            | 4:3 16:10          | 16:9            |

**Configuration**

CPU available

|  |
|--|
| Intel® Celeron J1900, quad core, 2.0GHz, fanless |
| Intel® Core I3-4005U, dual core, 1.7Ghz, fanless |
| Intel® Core I3-5005U, dual core, 2.0Ghz, fanless |
| Intel® Core I3-7100U, dual core, 2.3Ghz, fanless |
| Intel® Core I5-4200U, dual core, 1.6Ghz, fanless |
| Intel® Core I5-5200U, dual core, 2.2Ghz, fanless |
| Intel® Core I5-6200U, dual core, 2.3Ghz, fanless |
| Intel® Core I5-7200U, dual core, 2.5Ghz, fanless |
| Intel® Core I7-4500U, dual core, 1.8Ghz, fanless |
| Intel® Core I7-6500U, dual core, 2.5Ghz, fanless |
| Intel® Core I7-7500U, dual core, 2.7Ghz, fanless |

|                                  |   |  |
|----------------------------------|---|--|
| Mainboard                        | CPU   | Intel® Celeron J1900, quad core, 2.0GHz, fanless |
|                                  | RAM   | 4GB  |
|                                  | SSD   | 32GB   |
| Screen                           | Panel size  | 21.5"  |
|                                  | Resolution  | 1920*1080  |
|                                  | Brightness  | 400nits (cd/m <sup>2</sup> )                     |
|                                  | Touchscreen   | 10 points Capacitive Touch                       |
| 5 wires Resistive Touch Optional |   |  |
| Power Supply                     | Working voltage   | 9V-36V wide voltage                              |
| Enclosure                        | Material  | Aluminum Alloy                                   |
|                                  | Color   | Grey   |
|                                  | VESA mounting   | 75x75mm  |
|                                  | IP grade  | Front panel IP65 waterproof                      |
| Environment                      | Temperature   | Operating: -20 to 60°C, storage: -30 to 70°C     |
|                                  | Relative humidity   | 10%~90% @ 30° C, non-condensing                  |
| Demision                         | Net weight  | 4kg  |
|                                  | Gross weight  | 5kg  |
|                                  | Product size  | 31.88x24.5x5.65cm                                |
|                                  | Packing size  | 43x38x18cm                                       |
| I/O Interfaces                   | 3xUSB 2.0, 1xUSB 2.0, 1x built in USB SoftDog,              |  |
|                                  | 2x DB-9 COM1& COM2, RS232/422/485                           |  |
|                                  | 2x 3 wire COM3 & COM4 RS232/485 Phoenix terminal            |  |
|                                  | 2x 3 wire COM5 & COM6 RS232                                 |  |
|                                  | 1xPhoenix terminal remote switch interface                  |  |
|                                  | 1x AT/ATX switch  |  |
|                                  | 1x HDMI/Audio Line-out/ Power Button                        |  |
|                                  | 1x 14 bit GPIO, 2x 8Ω 1W Amplifier out, 1x WIFI optional    |  |
| Expansion Slot                   | MINI-PCIE x 1, on board SIM card slot, support 3G/4G module |  |
|                                  | MINI-PCIE x 1, support WIFI/ Bluetooth                      |  |
| Watchdog timer                   | 1~255 second Programmable Setting                           |  |
| OS                               | Support Windows 7/8/10, WES, Linux, Ubuntu, Debian, etc.    |  |

|           |  |
|-----------|--|
| Mountings | Embedded mounting screws                             |
|           | Wall mounting brackets; Desk stand holder (optional) |
| Warranty  | 2-year free warranty                                 |