



### Features

- 15" open-frame panel PC with Novakon iFACE Designer software
- Powered by Intel® Pentium® QC N4200 Processor with IP65 front panel protection
- 4-in-1 management systems including: freezers, air conditioning, lighting system and power
- Works as a backend facility for monitoring and managing parameters in intelligent retail environments
  - Optimizes overall power consumption and avoid down-time
  - Trend chart display and log report export of historical data
  - Alarm notification of equipment/device status through email/LINE App
- Supports Modbus RTU/TCP/ASCII, OPC UA, Restful API, MQTT; Mitsubishi, Siemens, Rockwell, Omron, CODESYS... PLC drivers
- Supports Charts, Alarm, Macro, Data Log, Recipe, Scheduler, Report, VNC, OpenVPN, FTP, SQL...software functions



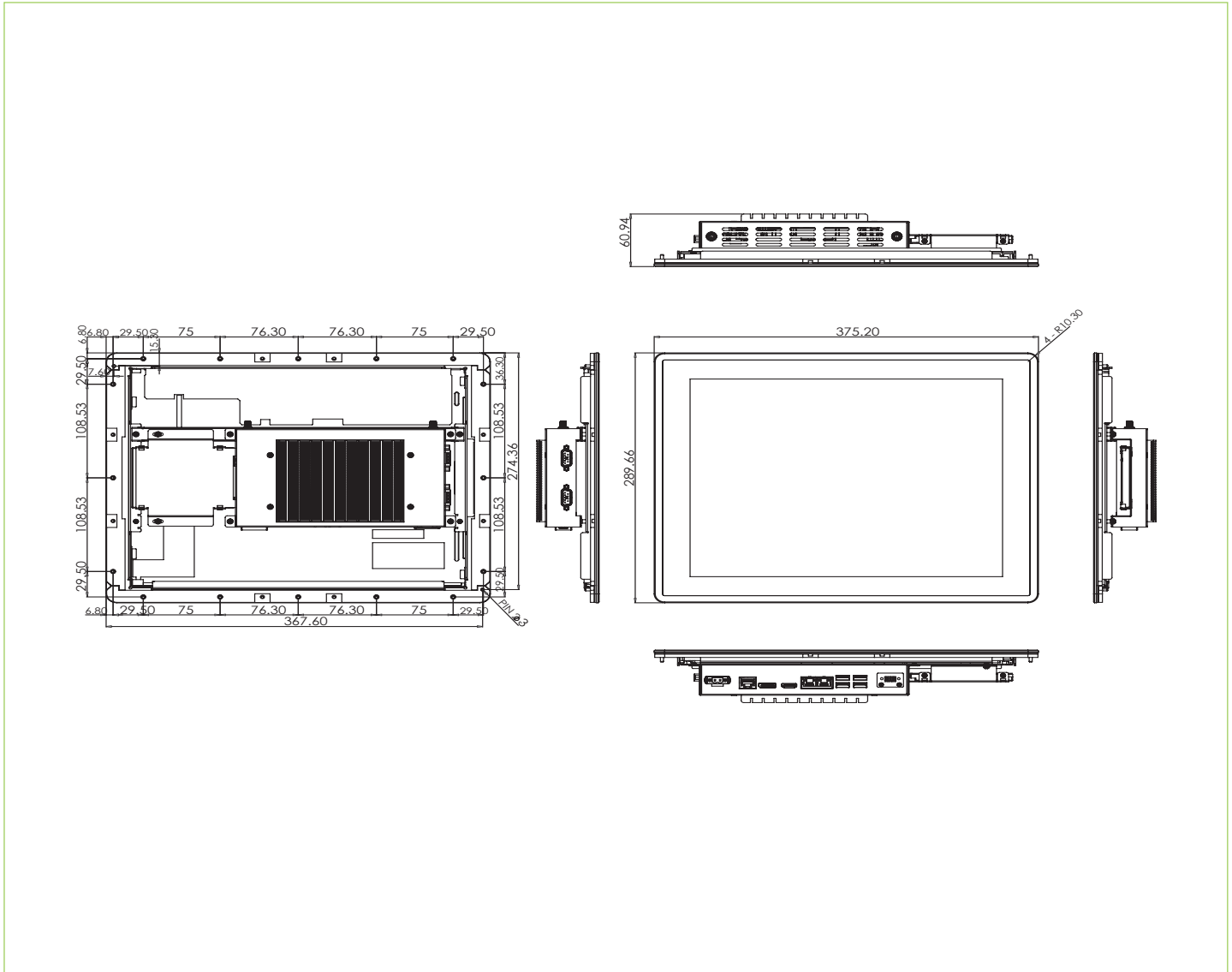
### Specifications

|                        |                                   |                                    |
|------------------------|-----------------------------------|------------------------------------|
| Display & Touch Screen | Display Size                      | 15                                 |
|                        | Max. Resolution                   | 1024 x 768                         |
|                        | Luminance (cd/m2)                 | 420                                |
|                        | Contrast                          | 1:600                              |
|                        | Max. Color                        | 16.2M                              |
|                        | View Angle (H/V)                  | 160/160                            |
|                        | Backlight Lifetime(hrs)           | 30000                              |
|                        | Touch Type                        | Projected capacitive               |
|                        | Touch Interface                   | USB                                |
|                        | Light Transmission (%)            | 89                                 |
| I/O Interface          | Point of touch                    | 10                                 |
|                        | USB 3.0                           | 4                                  |
|                        | USB 2.0                           | 0                                  |
|                        | RS-232/422/485 Selectable in BIOS | 1 (RJ50 type)                      |
|                        | RS-232                            | Optional                           |
|                        | LAN                               | 2x GbE                             |
|                        | Additional Graphics               | 1x HDMI<br>1x DP                   |
|                        | Audio                             | None                               |
|                        | Digital I/O                       | Optional                           |
|                        | Power Connector                   | 1x 3-pin terminal block            |
| Mechanical             | Power Button                      | 1x 2-pin terminal block for remote |
|                        | Dimensions (mm)                   | 375.2 x 289.6 x 60.9               |
|                        | Net Weight (kgs)                  | 5                                  |
| System                 | Processor                         | Intel® Pentium® QC N4200           |
|                        | Memory                            | Max. 8GB DDR4, default 4GB         |
|                        | Thermal Design                    | Fanless                            |
|                        | Membrane Control                  | None                               |
|                        | Built-in Speaker/MIC              | None                               |

|               |                             |  |
|---------------|-----------------------------|--|
| Expansion     | Internal Expansion Bus      | 1x mini PCI-E for half-size mSATA<br>1x M.2 B-key  |
|               | Expansion Slot              | None   |
|               | Wireless                    | Optional   |
| Storage Space | HDD                         | 1x 2.5" HDD space, default 64GB SSD  |
|               | Removable                   | None   |
| Power         | Power Input Range           | 9V~36V DC  |
|               | Chassis Material            | SGCC   |
| Construction  | Color (Front/Back)          | Raw SGCC   |
|               | IP Rating                   | Front side with IP65   |
|               | Mounting                    | Open frame design  |
| Environmental | Operating Temperature       | -10°C~50°C   |
|               | Storage Temperature         | -20°C~70°C   |
|               | Storage Humidity            | 10%~90% @40°C (non-condensing)   |
|               | Certification               | Based on chassis design  |
| Software      | Supported Operating Systems | Windows 10, 64-bit, Linux Kernel 4+  |
|               | Novakon iFACE Designer      | Operating System for iFACE Editor:<br>• Windows XP/ Windows 7/ Windows 8 – iFACE Designer 1.6.71<br>• Windows 10 64 bits– iFACE Designer 2.0.01<br>Operating System for iFACE Runtime:<br>• Windows 10<br>• Ubuntu 16.04.7 |

# OFP-151-PC-NVK

## Dimensions



## Ordering Information

|                |  |
|----------------|--|
| OFP-151-PC-N42 | 15" open frame panel PC, projected capacitive touch screen, Intel® Pentium® QC N4200 processor, 4GB DDR4 memory, 64GB SSD, without power adaptor, iFace Designer® HMI / SCADA Software Runtime License |
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