

## FEATURES 特徴

- ◆サイズオプション： 15.6インチ、21.5インチ、23.8インチ
- ◆Intel® J6412またはi5-1235Uプロセッサ
- ◆DDR4-3200MHzメモリ、最大32GB
- ◆ステンレス製ハウジング、IP69K規格対応
- ◆VESAスタンド取り付け対応
- ◆NFCモジュールは事前に内蔵、13.56MHz対応
- ◆WIFIモジュールは事前に内蔵



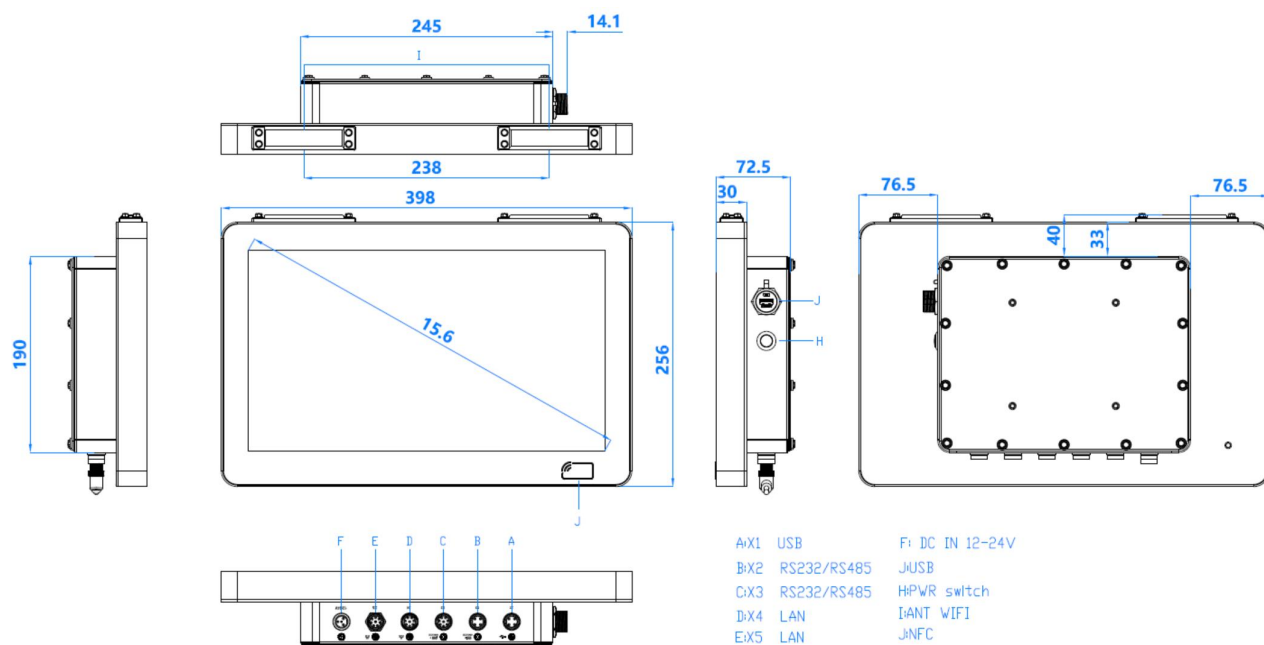
## SPECIFICATION | 仕様

| System<br>システム    | Model 型番               | D156WP                                                                                                             | D215WP              | D238WP            |
|-------------------|------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------|-------------------|
|                   | CPU                    | Intel® J6412, Quad-core,base frequency 2.0GHz,TDP 10W<br>Optional: Intel® Core™ i5-1235U                           |                     |                   |
|                   | Memory                 | 1x DDR4-3200MHz SO-DIMM slot, up to 32GB                                                                           |                     |                   |
|                   | Storage                | Intel® J6412: 1 x M.2-2242 B Key SSD slot(SATA 3.0)<br>Intel® Core™ i5-1235U: 1 xM.2-2280 M Key SSD slot(SATA 3.0) |                     |                   |
|                   | USB                    | 2 x USB2.0                                                                                                         |                     |                   |
|                   | COM                    | 2 x RS-232(COM1,RS-485 optional)                                                                                   |                     |                   |
|                   | LAN                    | 2 x GbE(RJ45),Intel i210-AT controller                                                                             |                     |                   |
|                   | Other I/O              | 1 x POWER/ 1 x DC IN / 2 x LAN / 2 x COM / 2x USB                                                                  |                     |                   |
|                   | WiFi                   | Support the WLAN standard IEEE 802.11 a/g/n                                                                        |                     |                   |
|                   | NFC                    | 13.56MHz                                                                                                           |                     |                   |
| LCD               | Size                   | 15.6" FHD TFT LCD                                                                                                  | 21.5" FHD TFT LCD   | 23.8" FHD TFT LCD |
|                   | Resolution             | 1920 x 1080                                                                                                        | 1920 x 1080         | 1920 x 1080       |
|                   | Luminance              | 350 cd/m2                                                                                                          | 250 cd/m2           | 250 cd/m2         |
|                   | MTBF(hours )           | 50000 hrs                                                                                                          | 50000 hrs           | 30000 hrs         |
|                   | Contrast Ratio         | 800 : 1                                                                                                            | 1000 : 1            | 3000 : 1          |
| Touch Screen      | Type                   | Multi-touch, capacitive touch screen                                                                               |                     |                   |
|                   | Transmittance          | ≥ 87%                                                                                                              |                     |                   |
|                   | Controller interface   | USB 2.0                                                                                                            |                     |                   |
| OS                | OS                     | Windows®10 / Linux (optional)                                                                                      |                     |                   |
| Power Consumption | Voltage Input          | DC 12~24V                                                                                                          |                     |                   |
|                   | Idle Power Consumption | <60Watt (<84Watt 12th Gen CPU)                                                                                     |                     |                   |
| Physical<br>型式    | Housing Material       | Rugged stainless steel                                                                                             |                     |                   |
|                   | Dimension              | 398 x 256 x 72.5 mm                                                                                                | 530.5 x 330 x 80 mm | 581 x 359 x72.5   |
|                   | VESA                   | 100mm x 100mm                                                                                                      |                     |                   |
|                   | Net Weight             | 6.35kg                                                                                                             | 8.5kg               | 9.95kg            |
| Environment<br>環境 | Operating Temp         | 0 ~ 50℃                                                                                                            |                     |                   |
|                   | Storage Temp           | -20 ~ 60℃                                                                                                          |                     |                   |
|                   | Humidity               | 5~95% @40°(non-condensing)                                                                                         |                     |                   |
|                   | Vibration              | SSD applied:1.5Grms,IEC 60068-2-64,random,5~500Hz,1 hr/axis                                                        |                     |                   |
|                   | Shock                  | Operating 10G peak acceleration (11ms duration), follow IEC 60068-2-27                                             |                     |                   |
|                   | EMC                    | CE/FCC Class B                                                                                                     |                     |                   |
|                   | Waterproof             | IP69K                                                                                                              |                     |                   |

## DIMENSIONS 外形寸法

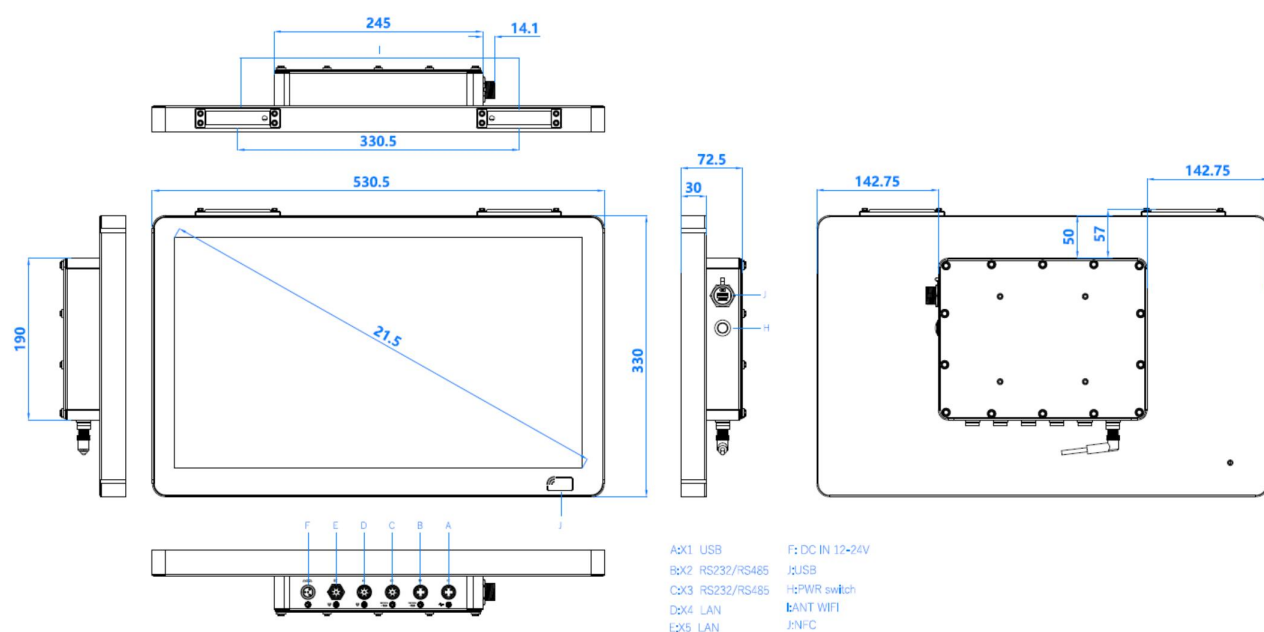
Unit: mm

D156WP



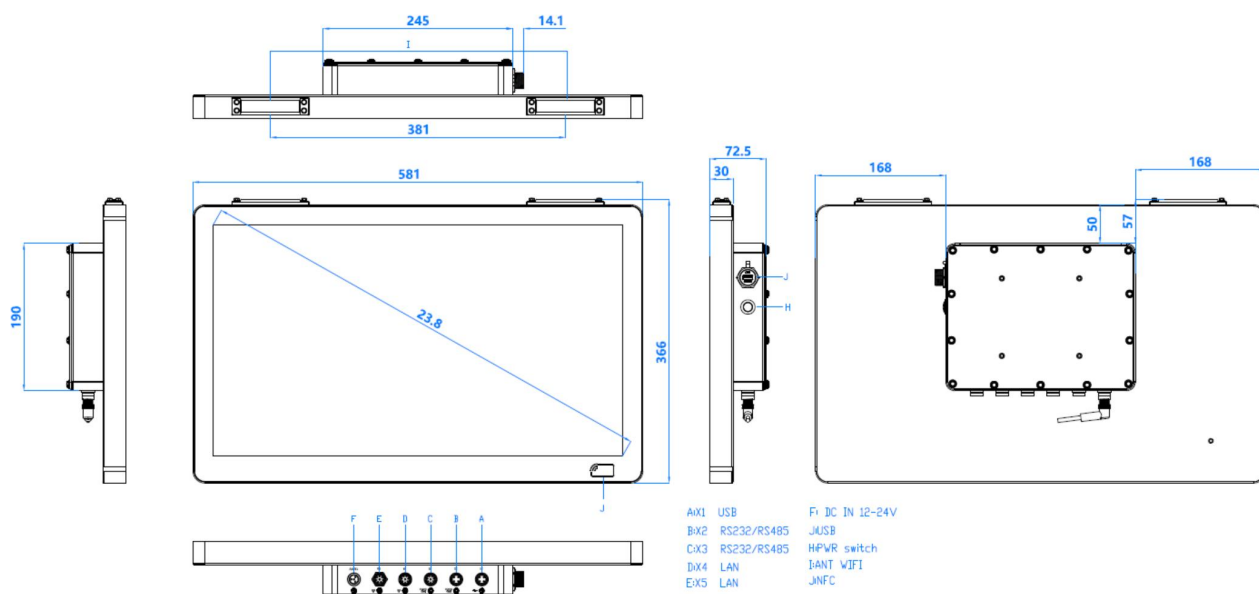
Unit: mm

D215WP



Unit: mm

D238WP



## ORDER INFORMATION 注文情報

| Product 製品   | Description 説明                                                                                                                                                     |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| D156WP-J6412 | 15.6"LCD/Intel J6412 /Option RAM/Option SSD/2*RS232 (COM1,RS-485 optional) /2*LAN /2*USB /Capacitive touch screen/Resolution 1920*1080/DC12V-24V input /WIFI /NFC  |
| D156WP-1235U | 15.6"LCD/Intel 1235U /Option RAM/Option SSD/2*RS232 (COM1,RS-485 optional) /2*LAN /2*USB /Capacitive touch screen/Resolution 1920*1080/DC12V-24V input /WIFI /NFC  |
| D215WP-J6412 | 21.5"LCD/Intel J6412 / Option RAM/Option SSD/2*RS232 (COM1,RS-485 optional) /2*LAN /2*USB /Capacitive touch screen/Resolution 1920*1080/DC12V-24V input /WIFI /NFC |
| D215WP-1235U | 21.5"LCD/Intel 1235U /Option RAM/Option SSD/2*RS232 (COM1,RS-485 optional) /2*LAN /2*USB /Capacitive touch screen/Resolution 1920*1080/DC12V-24V input /WIFI /NFC  |
| D238WP-J6412 | 23.8"LCD/Intel J6412 / Option RAM/Option SSD/2*RS232 (COM1,RS-485 optional) /2*LAN /2*USB /Capacitive touch screen/Resolution 1920*1080/DC12V-24V input /WIFI /NFC |
| D238WP-1235U | 23.8"LCD/Intel 1235U /Option RAM/Option SSD/2*RS232 (COM1,RS-485 optional) /2*LAN /2*USB /Capacitive touch screen/Resolution 1920*1080/DC12V-24V input /WIFI /NFC  |

## OPTIONS 構成オプション

| Product 製品   | Description 説明                                                   |
|--------------|------------------------------------------------------------------|
| Memory       | 8GB, 16GB                                                        |
| SSD          | 128GB, 256GB, 512GB                                              |
| USB Cable    | M12 plug with 5 pin (USB) Length=2 Meters                        |
| COM Cable    | M12 plug with 4pin ( COM ) Length=2 Meters                       |
| LAN Cable    | M12 plug with 8pin ( LAN cable ) Length=2 Meters                 |
| Power Supply | IP67 waterproof Meanwell power adapter OWA-60E-12 (EU type plug) |