



NAVPIXEL™ NPS1935

19" IP65 Sunlight Readable Panel PC

NPS1935 is a NAVPIXEL™ Intel™ Celeron® M based design panel PC. The extremely high performance with low power consumption computing solution also supports SATA interface that provides higher data rate and lower CPU usage. Because of the special aluminum alloy casing design, NPS1935 can resist corrosion from most acids and alkaline working environments. In addition, the easy cleaning attribute makes it the first choice for strict hygiene workplaces such as hospital, marine industry, abattoirs and other food processing plants.

Main Features

- 1000nits Sunlight Readable LCD
- Intel™ Celeron® M/ Core 2 Duo Based Design
- 19" SXGA Color TFT LCD Display
- Resistive Touch Support
- IP65 Front Waterproof

Application:

- Marine
- Food Processing Factory
- Chemical
- Pharmaceutical
- POS

*Specifications are subject to change without notice.
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Specifications

LCD Display

- Backlight**
 - 19" LED Backlight
- Active Display Area**
 - 376.32(H)x301.06(V)
- Brightness**
 - 1000 nits
- Resolution**
 - 1280x1024 (SXGA)
- Contrast Ratio**
 - 900:1 (Typ)
- Touch Screen**
 - 5-Wire, Analog Resistive
- Optical**
 - AOT (Optional)

System

- Processor**
 - Intel™ Celeron M / Core 2 Duo Based Design
- Chip Set**
 - Intel™ 945GM + ICH7M
- Memory**
 - DDR II DIMM 1GB
- Ethernet**
 - Intel™ 82573L 10/100/1000Base-TX RJ45x2
- Storage**
 - SATA 2.5" HDD (Optional)
- I/O Port**
 - Audio Phone Jack (Line-in, Line-out, MIC-in) x 1
 - RJ45 x2, USB x4, COMx2 (RS232 x1, RS232 /422 /485x1)
 - DVI-I x1, VGA-out x 1, KB/MS PS2x 1, Power AC-in x1
- BIOS**
 - Award
- Wake on LAN**
 - YES
- Watchdog Timer**
 - Generates a time-out system reset
- H/W Status Monitor**
 - Supports power supply voltages, fan speed and temperature monitoring
- Expansion Interface**
 - Mini PCI (internal)

Power

- Voltage**
 - AC Input: AC 100 ~ 240V
 - DC Input: DC 9 ~ 36V (Optional)
- Power Consumption**
 - TBD

Mechanical

- IP Rating**
 - Fascial waterproof to IP65 standards when console mounted.
- Construction**
 - Aluminum Alloy Chassis
- Mounting**
 - Panel (Flush) Mount, VESA75/VESA100, Stand Mount
- Dimension**
 - 447mm (W) x 390.6mm (H) x 93mm (D)
- Net Weight**
 - 7.2kg

Environmental

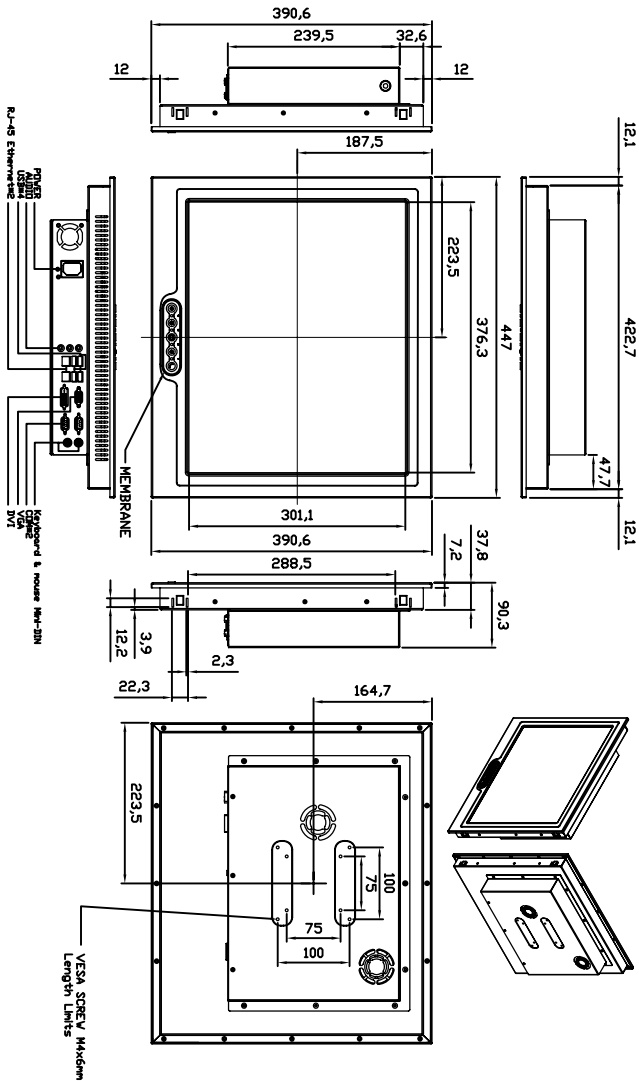
- Operating Temperature**
 - -10°C ~ 40°C (14°F ~ 104°F)
- Storage Temperature**
 - -20°C ~ 80°C (-4°F ~ 158°F)
- Operating Humidity**
 - 5 ~ 95% @ 40°C, non-condensing

Certification

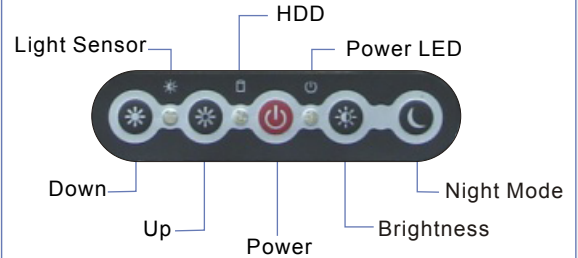
- Designed to meet FCC Class A, DNV Marine Approval Pending

Outline Dimensions

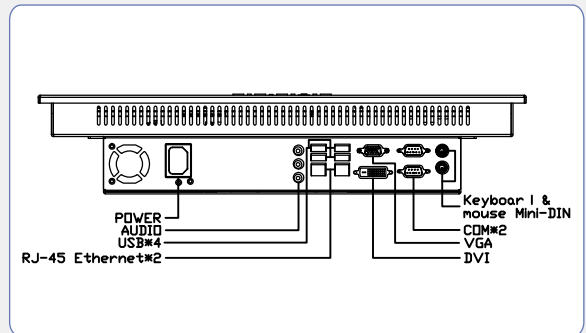
Unit: mm



Control Button



Connectors



Ordering Information

NPS1935-142-A01

19" LED B/L, Touch Screen, Intel Celeron M 1.86GHz, DDR II DIMM 1GB, RJ45x2, USBx4, COMx2, AC 100~240V

Optional Accessories

840612111200 Power Adapter 12V, 10A, 120W, PAC120F

810618301010 Power Cord (US type)

810618301090 Power Cord (European type)