HIGH SPEED PANEL PC TOUCH

8.4" Panel PC Panel Mount (with 3mm front bezel) Front IP65
JNF3A-J1900 / J1900 / RAM 4GB / HDD 500GB with Touch

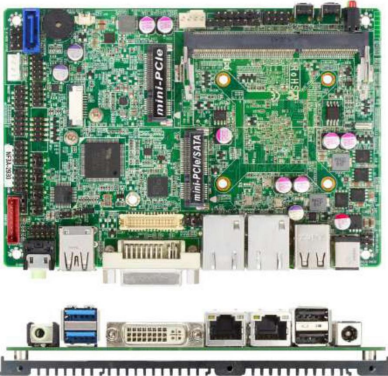## Model: BLPC08400-J-V2

FEATURES

- 8.4" Industrial panel
- Panel mount (with 3mm front bezel) / VESA mount
- Resistive Touch / Front IP65
- JNF3A-J1900 / J1900 / RAM 4GB / HDD 500GB
- IO : Line-Out x1, USB (2.0) x3, USB (3.0) x1, DVI x1, RS232 x1 (added) and 12VDC in
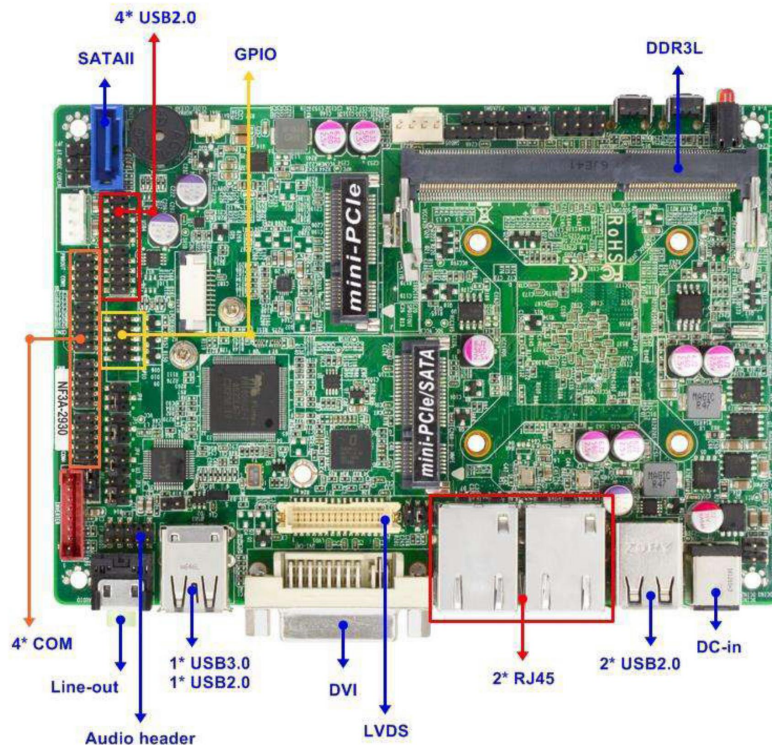- Window 10 Pro OS

Specifications subject to change without notice, not responsible for typographical errors.

DISPLAY

LCD Size: 8.4"
Max Resolution: 800 x 600 pixels
Brightness (cd/m²): 350 cd/m²(Typ.)
Contrast Ratio: 600:1
LCD Color: 26.2K colors
Pixel Pitch (mm): 0.213 x 0.213
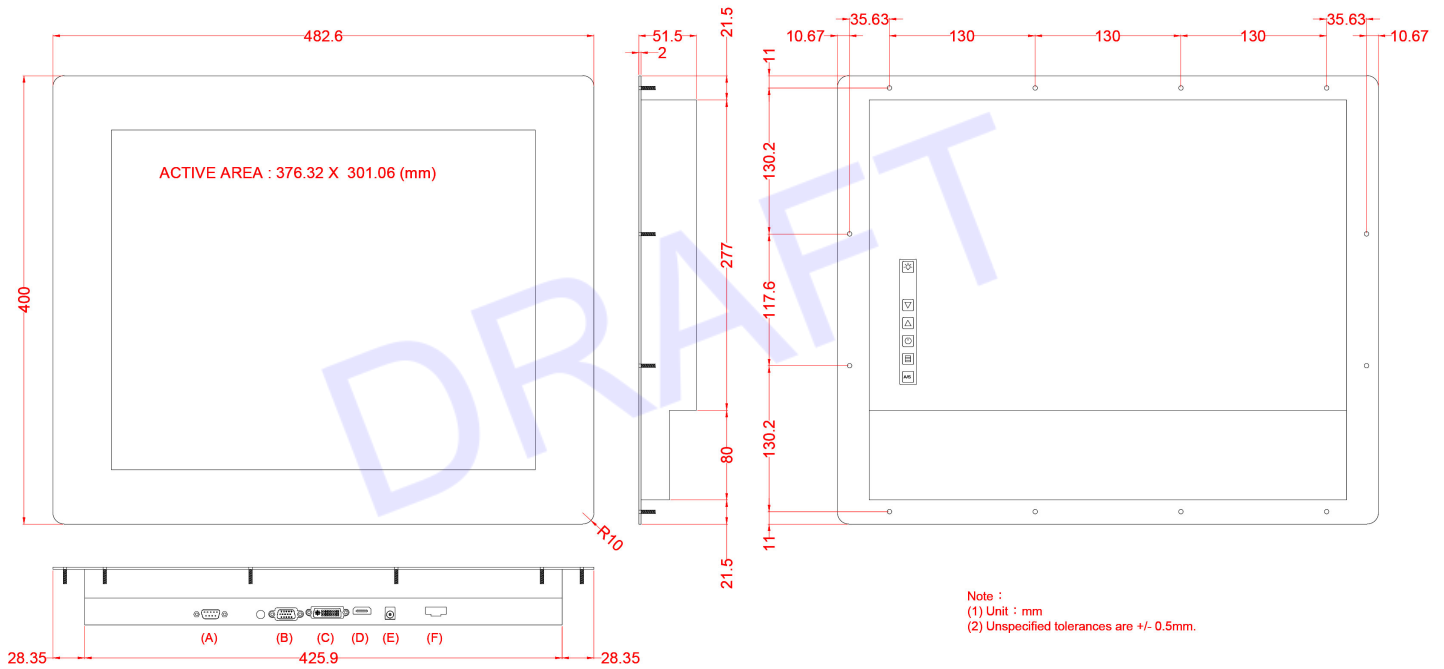**Touch Screen:** 8.4" resistive

MOTHERBOARD SPECS

- Intel Bay Trail Series SoC Processor (Default: J1900)
- Support 1 * DDR3L 1333/1066MHz Single/Dual CH up to 4GB/8GB
- Support 1 * Serial ATAII (3Gb/s) Device
- Integrated Realtek ALC888S HD Audio CODEC with 2-CH
- 1 * 24-bits Dual Channel LVDS header
- Support DVI-I Output
- Supports 2 * Realtek RT8111G GbE
- Support CPU Smart FAN
- Support Watch Dog Timer 0~255 sec
- +9~24VDC-in PWR jack

Form Factor	
Dimensions	-3.5'' SBC (148* 102 mm)
Processor System	
CPU	- Intel® Bay Trail Series SoC Processor, Default: N2930
Core Number	- by CPU
Max Speed	- by CPU
L2 Cache	- by CPU
Chipset	-SoC
BIOS	-AMI 64Mb Flash ROM
Expansion Slot	
Mini-PCIe	-1 (full size, shared with mSATA) + 1 (half size)
mSATA	-1 (shared with full size Mini PCIe)
Memory	
Technology	- Single/Dual Channel DDR3L 1333MHz SDRAM (By CPU)
Max.	-4GB/8GB
Socket	-I*SO-DIMM
Graphics	
Controller	-Intel® HD Graphics
VRAM	- Shared Memory
LVDS	-1 * 24-bits Dual CH
DVI-I	-1
Multi Display	-Yes (Dual Displays)
Ethernet	
Ethernet	-10/100/1000 Mbps
Controller	-RealtekRTL8111HGbE
Connector	- 2 * RJ45
SATA	
Max Data Transfer Rate	-1 * SATAN (3.0Gb/s)
Rear I/O	
DVI-I	-1
Ethernet	-2
USB	- 4 (3 * USB2.0 + 1* USB 3.0)
Audio	-1 (Line -out)
DC-input	-1
Internal Connector	
USB	- 4 (4 x USB 2.0)
PS/2	-1
LVDS/inverter	-1
Serial	- 4 (3 * RS232, 1 * RS232/422/485 with 5V/12V selectable header)
SATA	-1 * SATAN (3.0Gb/s)
mPCIe	-1 (full size, shared with mSATA) + 1 (half size)
mSATA	-1 (shared with mPCIe)
GPIO 8-bit	- 4-in / 4-out
Chassis intrusion	-1
Audio Header	-1 (Line-out & MIC)
Watchdog Timer	
Output	- From Super I/O to drag RESETCON#
Interval	- 256 segments, 0,1,2...255sec/min

Power Requirements	
Input PWR	- +9~24V DC-in (2-pin PWR Con)
Power On	AT/ATX Supported
Certifications	
Certifications	- CE, FCC, RoHS, REACH
Environment	
Temperature	-Operating: -20°C~60°C -Storage: -40°C ~ 70°C -Humidity: 10% ~ 90% RH @40°C (non-condensing)

MECHANICAL DRAWINGS

This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.

ACTIVE AREA : 376.32 X 301.06 (mm)

482.6
400
R10

51.5
2
21.5
277
80
21.5

28.35
425.9
28.35

(A) (B) (C) (D) (E) (F)

(A)TOUCH SCREEN (RS232)
(B)VGA SIGNAL INPUT
(C)DVI SIGNAL INPUT
(D)HDMI SIGNAL INPUT
(E)DC 12V POWER INPUT (DC JACK)
(F)DC 9-36V POWER INPUT (TERMINAL BLOCK)

10.67 35.63 130 130 130 35.63 10.67
11
130.2
117.6
130.2
11

Note：
(1) Unit：mm
(2) Unspecified tolerances are +/- 0.5mm.

Drawing No.: BLPC08400-J-V2-09122022-V1