32" Capacitive Touch PC

FT32N42004G128CAPOB

Yes ☐
No ☒
Supports Clamps

Optically Bonded

- **Intel® Pentium® N4200 QuadCore CPU**
- **4GB RAM memory, 128GB Industrial SSD**
- **Supports Windows 10 & Linux (32Bit, 64Bit)**
- **Anti-glare surface treatment (chemical etching)**
- **10-Finger-Multi Touch Capacitive Touch Panel**
- **Optically bonded Touch Panel to LCD Panel**
- **Integrated W-LAN**
- **2 year guarantee**

faytech's Capacitive PC series stands out among competition with its fanless silent operation, IP65 front panel design, high reliability and fine craftwork.

It is the perfect choice for industrial and business application. It has flat edge to edge glass with IP65 water- and dust proof front panels and a sturdy aluminum case with stable VESA 100 fixation bolts (VESA 400 for 32" and up).

The touch PC is powered by faytech's industrial Apollo Lake mainboard. It is driven by the powerful Intel® Pentium® N4200 QuadCore processor with up to 2.50 GHz clock frequency. This version versions is equipped with 4GByte RAM, 128G SSD and Intel's HD Graphic chipset, supporting FullHD, DirectX 11.1 and OpenGL 4.0.

These faytech PCs are the perfect choice for a wide variety of applications including POS systems, control panels in industrial fields, in kiosk systems, office/residence automation, digital signage and in areas like shopping malls, classrooms, hotels and many more.

USB UNIVERSAL SERIAL BUS

SUPERSPEED USB CERTIFIED

W-LAN

+60°C
-10°C

Product name	32" Capacitive Touch PC
Model No. / EAN No.	FT32N42004G128CAPOB / 6920734003204

IP Rating
IP65 Front / IP40 Back

LCD Panel	
Screen diagonal (Inch/cm)	31.5/80.01
Display active screen size	69.84×39.29
Aspect ratio	16:9
Physical resolution	1920×1080
External Maximum showable resolution - DP	1920×1200
Colours displayed	16.7M
Brightness (cd/m²)	350
Contrast	3000:1
Typical reaction time Tr/ Tf (ms)	6/1
Visual Angle horizontal/vertical (°)	178/178
Backlight / Backlight Lifetime (hours)	LED / min. 30,000

Operation / Mechanical	
Operating Temperature (°C)	-10 ~ +60
Humidity Range (RH)	10% - 90%
Net weight (kg)	14.50
Gross weight (kg)	20.50 (incl. cartonage)
Housing material	Aluminum
Housing (mm) L × W × H	768.0 × 475.0 × 73.45
Cut-out for clamp supports (mm) L × H	N/A
Amount of clamps required	N/A
Mounting	VESA 400×300

Internal Connectors (occupied)		
1x SO-DIMM, max. 8GB, DDR3L 1333/1600/1867 non-ECC Single channel memory		
3x RS232/RS485 COM connectors switchable in BIOS		
2x LCD Backlight control/LCD panel voltage box		
1x 5V/12V SATA power connector	1x 12V DC power connector (2-pin)	
1x 4-pin SATA power connector	1x S/PDIF output pin header	
1x 8-bit Digital I/O interface	1x Line-out / Mic-in header	
1x Front Panel box header	1x Serial ATA 6Gb/s	
1x MIPI CSI connector	1x LVDS box header	2x USB 3.0 box header

PC System	
CPU	Intel® Pentium® QuadCore N4200
Graphic GPU	Intel® HD Graphics
Audio	Realtek ALC3236 Audio CODEC
Memory	4GB DDR3L non-ECC (max. 8GB)
Storage	faytech Industrial 128GB SSD
Network	2x Realtek PCIe GB LAN 8111G (1x optional with POE); W-LAN
Driver Support	Win10; Linux; 32Bit/64Bit
Preinstalled OS	Linux Ubuntu

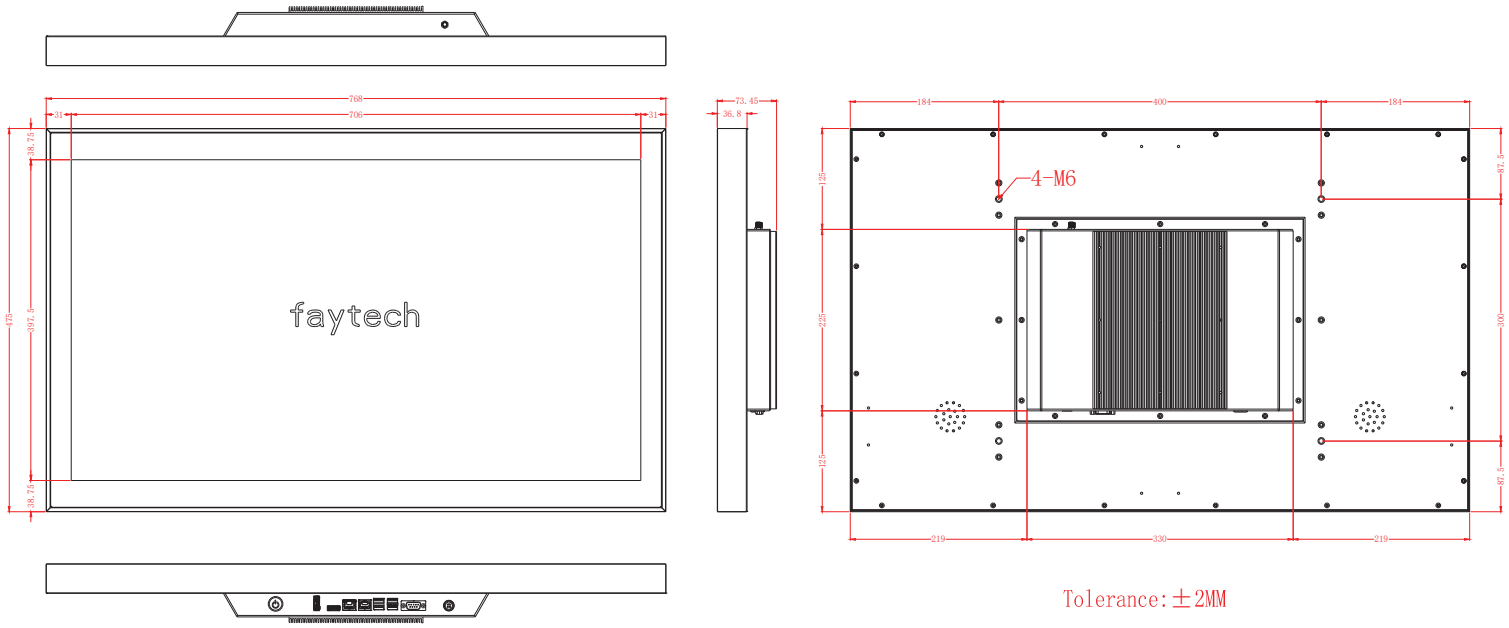
Touch Panel	
Touch Technology	Projected Capacitive 10-Point Multitouch
Touch Connector	USB
Touch Life (Contacts)	Unlimited
Surface Hardness	7H
Surface Treatment	Anti-glare (chemically etched)

Power	
Power Indicator	Green LED
Power Supply	100-240V ACDC active switching; 24V DC-Out
Working Power (V)	24
Power Consumption (W)	75
Stand-By Consumption (W)	<1

External Connectors	
1x 24V DC-In (4-pin)	
1x W-LAN connector (RP-SMA male)	
1x DisplayPort	1x HDMI
2x USB 3.0	2x USB 2.0 ports
1x COM port Full-PIN - RS232/485; 5V/12V	
2x 10/100/1000Mbit RJ45 Ports	
1x 2.5" module slot, changeable SSD included	

Expansion Slots
1x mSATA full size (occupied by SSD)
1x M.2 E-Key Slot (occupied by Wifi card)
1x SATA connector
1x External PCIe x1 Straddle connector

Included in the Delivery
Power Supply (see Power section)
W-LAN antenna (RP-SMA female)
Short Installation Manual



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