[pro**multis**]

65" Touch Totem

Freestanding totem in a stylish aluminium and steel housing.
Ideal for digital signage in shopping centres, public areas and transport hubs.

STURDY STEEL ENCLOSURE

INTEL i5 PCs, 8GB RAM, 240GB
SSD, WINDOWS 7/8/10

INTERNAL SPEAKERS

SECURE ACCESS PANELS WITH LOCKS
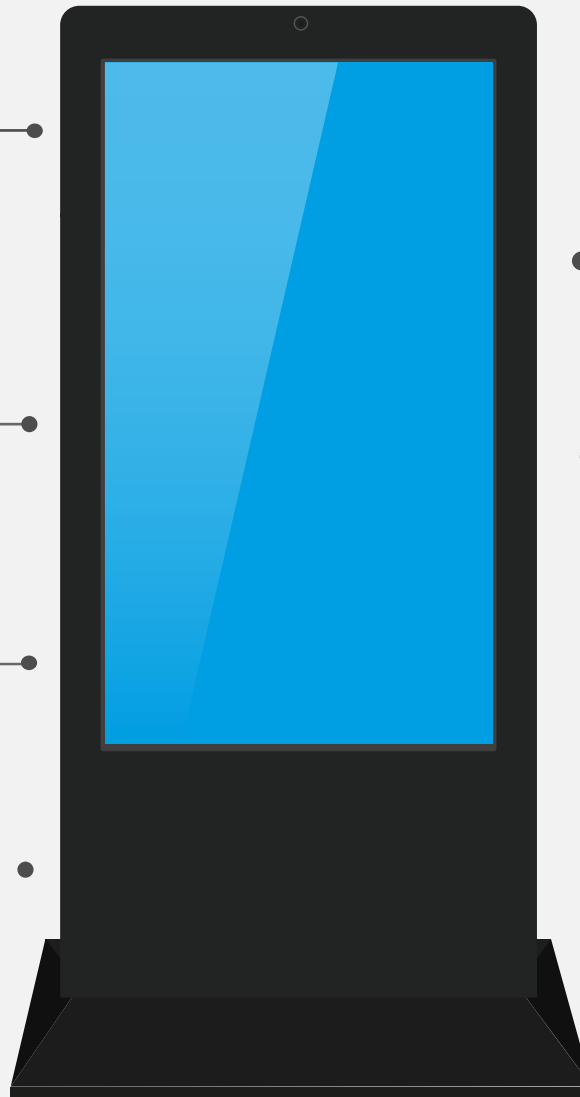
INTEGRATED WEBCAM

FULL HD 1080p, BACK-LIT LED SCREEN

TOUGHENED GLASS

10 TOUCH POINTS

1 YEAR REPAIR OR REPLACE WARRANTY

[pro**multis**]
MULTITOUCH SOLUTIONS

For more exciting multitouch products visit
www.promultis.info
or call +44 (0) 239 251 2794

IMPORTANT INFORMATION

If the totem is not positioned in a stable location, it can be potentially hazardous due to falling. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- Use cabinets or stands recommended by the manufacturer of the totem.
- Only use furniture that can safely support the totem .
- Ensure the totem is not hanging over the edge of the supporting furniture.
- Do not place the totem on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the totem to a suitable support.
- Do not position the totem on cloth or place any material between the totem and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the totem or its controls.
- Do not use immediately after moving from a low temperature to high temperature environment, as this causes condensation, which may result in fire, electric shock, or other hazards.
- To avoid possible condensation it is recommended to not use the device within 24 hours after its arrival, to avoid possible condensation.

Warning:
To prevent the spread of fire, keep candles or other open flames away from the totem all the times.

IMPORTANT SAFETY INFORMATION

Electricity may cause personal injuries and property damage if improperly handled. The totem has been engineered and manufactured with the highest priority on safety. But IMPROPER USE CAN RESULT IN POTENTIAL ELECTRIC SHOCK OR FIRE HAZARD. In order to prevent potential danger, please observe the following instructions when installing, operating and cleaning the product. To ensure your safety and prolong the service life of your totem, please read the following precautions carefully before using the product.

1. Read these instructions---All operating instructions must be read and understood before the product is operated.

2. Keep these instructions---These safety and operating instructions must be kept in a safe place for future reference.

3. Note all warnings---All warnings on the product and in the instruction manual must be observed closely.

4. Follow all instructions---All operating instructions must be followed.

5. Attachments---Only use attachments/ accessories specified by the manufacturer. Do not use attachments which are not recommended by the manufacturer. Use of improper attachments can result in accidents.

6. Power source---This product is intended to be supplied with a listed power supply indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For added protection for this product during

a lightning storm, or when it is left unattended and unused for a long period of time, unplug it from the wall outlet and disconnect the cable system.

7. Power cord protection---Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

   NOTE: Where the mains plug or an appliance coupler is used as the disconnected device, the disconnected device shall remain readily operable.

8. Overloading---Do not overload wall outlets, extension cords, or convenience receptacles on other equipment as this can result in a risk of fire or electric shock.

9. Entering of objects and liquids---Never insert an object into the product through vents or openings. High voltages are present in the product and inserting an object can cause electric shock and/or short internal parts. For the same reason, do not spill water or liquid on the product.

10. Servicing---Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.

11. Damage requiring service---If any of the following conditions occurs, unplug the power cord from the AC outlet and request a qualified service technician to perform repairs.

    a. When the power cord or plug is damaged.

    b. When liquid is spilled on the product or when objects have fallen into the product.

    c. When the product has been exposed to rain or water.

    d. When the product does not operate properly as described in the operating instructions.

    e. If the product has been dropped or the cabinet has been damaged in any way.

    f. When the product display an abnormal condition or exhibits a distinct change in performance. Any noticeable abnormality in the product indicates that the product needs servicing.

12. Replacement parts---In case the product needs replacement parts, make sure that the service person uses replacement parts specified by the manufacturer, or those with the same characteristics and performance as the original parts. Use of unauthorized parts can result in fire, electric shock and/or other danger.

13. Safety checks---Upon completion of service or repair work, request the service technician to perform safety checks to ensure that the product is in proper operating condition.

IMPORTANT SAFETY INFORMATION

14. Wall or ceiling mounting---When mounting the product on a wall or ceiling, be sure to install the product according to the method recommended by the manufacturer. This is a safety issue.

15. Careful move---When a trolley is used, be cautious when moving the trolley/apparatus combination to avoid injury from the product tipping over. Sudden stops, excessive force and uneven floor surfaces can cause the product to fall from the trolley.

    Never attempt to move the totem unless the AC Power cord has been disconnected.

16. Lightning---Unplug this apparatus during a thunder storm or when unused for long periods of time.

17. About location / environment— Do not use in hot and cold rooms (locations).

- When the unit is used in rooms (locations) with low temperature, the picture may leave trails or appear slightly delayed. This is not a malfunction, and the unit will recover when the temperature returns to normal.

- Do not leave the unit in a hot or cold location. Also, do not leave the unit in a location exposed to direct sunlight or near a heater, or in high humidity, as this may cause the cabinet to deform and the screen to malfunction, and affect the totem's performance.

- Do not use immediately after moving from a low temperature to high temperature environment, as this causes condensation, which may result in fire, electric shock, or other hazards.

- Environment condition:
  Operating temperature: 5°C – 35°C
  Operating humidity: 20 – 80 % (no moisture condensation) Storage temperature:
  -15°C – 45°C

- Storage humidity: 10 – 80 % Atmospheric pressure: 86 kPa ~106 kPa

18. Clean only with dry cloth---Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a soft cloth for cleaning.

19. Ventilation---Do not block any ventilation openings. Install the totem in accordance with the manufacturer instructions. The vents and other openings in the cabinet are designed for ventilation. Do not cover or block these vents and openings since insufficient ventilation can cause overheating and shorten the life of the product.

20. Panel protection---The display panel used in this product is made of glass. Therefore, it can break when the product is dropped or impacted upon by other objects. Be careful not to be injured by broken glass pieces in case the display panel breaks.

21. Pixel defect---The display panel is a very high technology product, giving you finely detailed pictures. Occasionally, a few non-active pixels may appear on the screen as a fixed point of blue, green or red. Please note that this does not affect the performance of your product.

WARNING: For continued safety, apparatus with class I construction shall be connected to a mains socket outlet with a protective earthing connection.

CHASSIS FEATURES

Materials	Metal & Aluminum
Glass type	Toughened
Colour	Black
Dimensions	Plate or curved feet
Base	Plate or curved feet

PANEL

Interactive area	809mm x 1439mm (65")
Panel resolution	1080p HD
Native resolution	1080 pixels x 1920 pixels 60Hz
Brightness (nits)	450
Contrast ratio	1500 to 1
Response time	6ms
Aspect ratio	16x9
Viewing angle	178° / 178°
Pixel pitch	0.744 (mm)
LCD Illumination	Backlit LED
Speaker	10W x2

ENVIRONMENT

Operating temperature	50°F to 104°F (10°C to 40°C)
Operating Humidity	10% to 80%, non-condensing
Storage Temperature	-4°F to 113°F (-20°C to 45°C)
Storage Humidity	5% to 95%, non-condensing

SHIPPED WITH

Cables	Power cable
Remote control	Included
User manual	Included

WARRANTY

1 year repair or replace warranty as standard

Extended warranties and SLA's available at an additional cost

INFRA RED TOUCH

Touch Points	10
Touch sensitive to	Finger, Opaque object, Stylus
Sunlight Sensitivity	Can be used in direct sunlight
Interpolation	32,768x32,768
Response time	Repeated touch <6ms
Drift	None
Temperature	-20°C~60°C
Accuracy	±2mm
Interface	USB-2
Relative Humidity	10%~90%RH
Supported	OS Windows

INTEGRATED MICROSOFT LIFECAM CINEMA WEBCAM

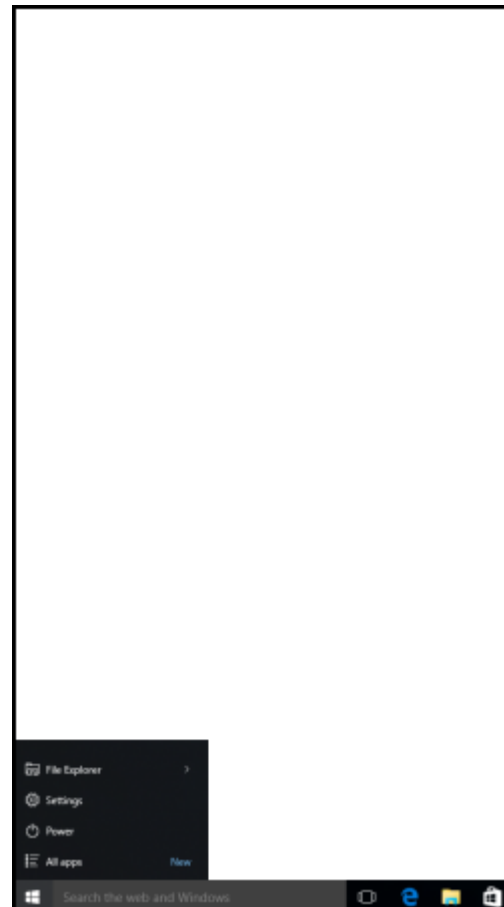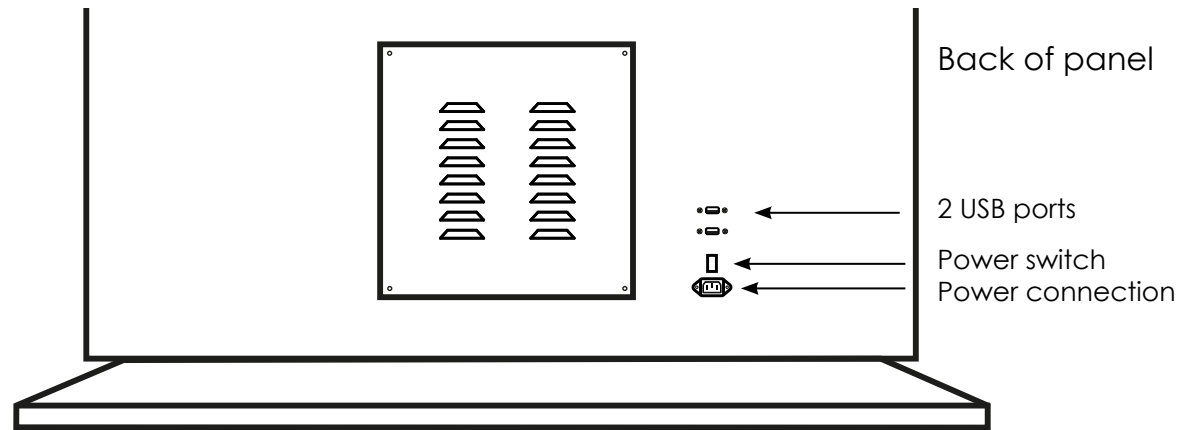|	
True 720p HD video	Records true HD-quality video at up to 30 fps.
Auto Focus	Images stay sharp and detailed even during close-ups.
High-precision glass element lens	Delivers more accurate colours and sharper video.
ClearFrame Technology	Delivers smooth, detailed video, even in low light conditions.
Digital Microphone	With noise cancelling technology, helps improve speech quality for crystal clear audio
TrueColor Technology	Automatically controls exposure for bright and colourful video.

INTEL NUC PC INTEGRATED IN REAR OF TOTEM

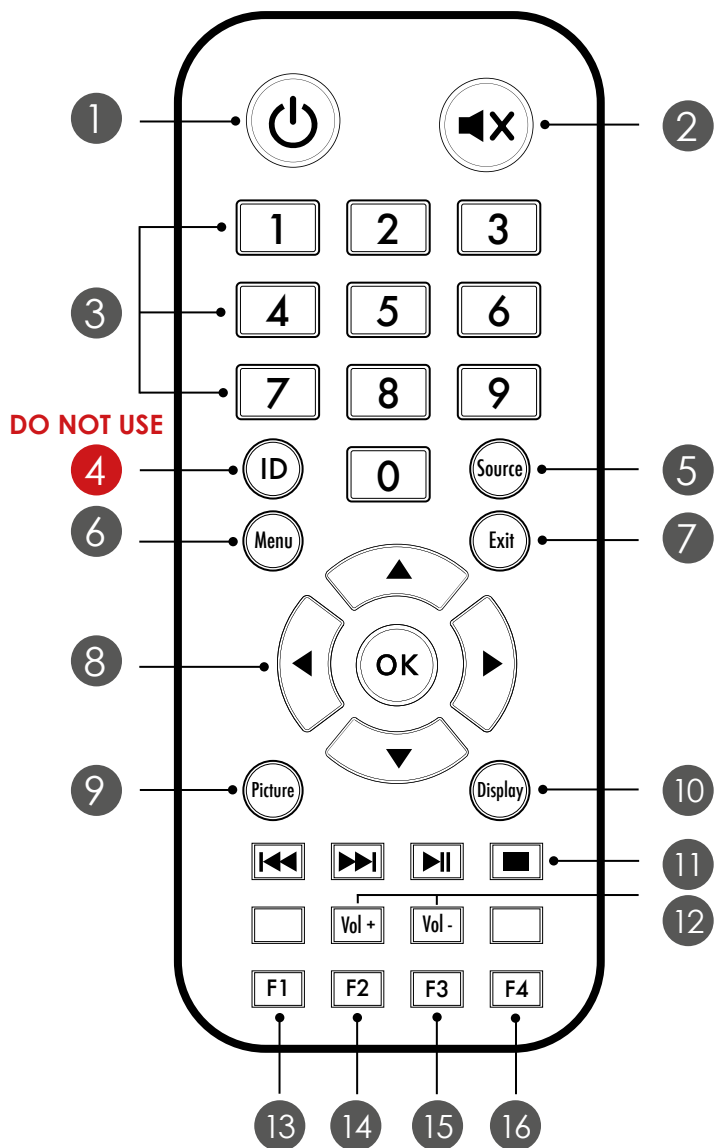|	
Processor	Intel Core i7
Graphics	Intel Iris Plus Graphics 640
USB	Hi-speed USB 2.0 Ports
Wireless	Dual Band Wireless-AC
Memory	8GB RAM
Hard Drive	240GB SSD
OS	Windows 10

BASIC OPERATION

Turning the totem on or off

1 Plug the power cord into an AC Power outlet. Press Power Switch on the totem.

2 Now the totem is in standby mode. Wait a moment until the power indicator lights up, then press POWER ⏻ to turn on the totem. (Be sure to wait for a few seconds before pressing POWER button. If you promptly press POWER button then the totem may not respond or act wrongly.)

3 Press button ⏻ again to turn off the totem and put the totem in standby mode. To cut off the power completely, press Power Switch on the totem.

Note: If the totem does not receive a displaying signal for a certain time, the totem goes into standby mode.

Back of panel

2 USB ports

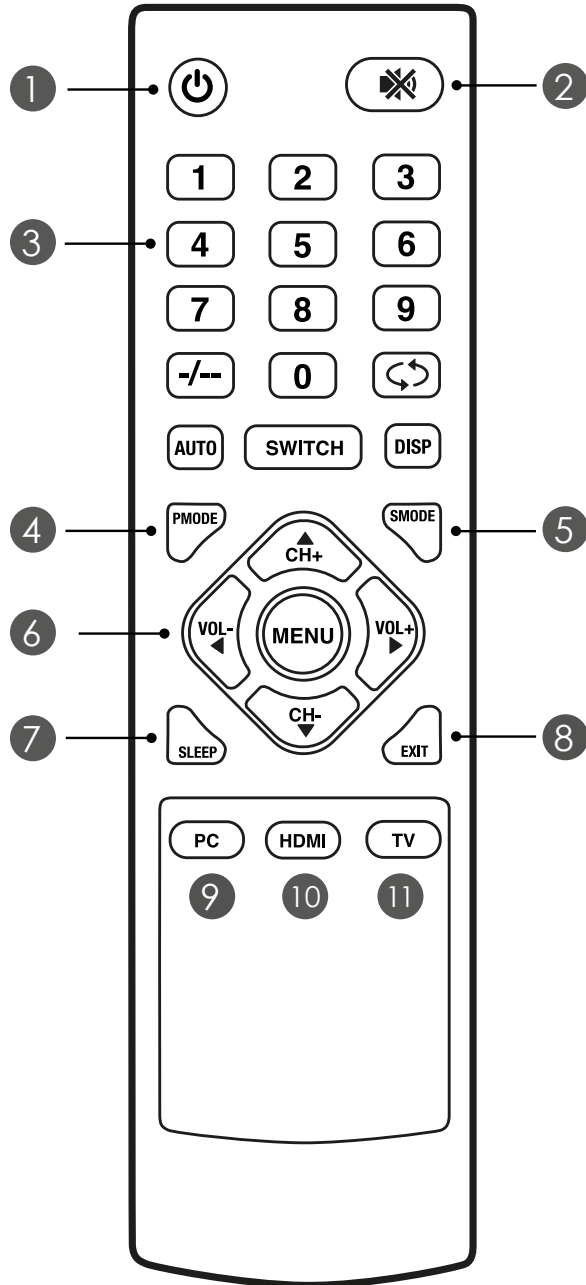Power switch
Power connection

File Explorer
Settings
Power
All apps   New

Search the web and Windows

Windows start screen

Controller (depending on which model)

DO NOT USE

1	**Power** Press to turn me IU on and off
2	**MUTE** Press to temporarily swtch the sound off
3	**CHANNELS** Change channel inputs
4	**ID (Screen Identification)** **DO NOT PRESS AS THIS WILL DISABLE ALL REMOTE FUNCTIONS***
5	**SOURCE/ AV/ INPUT** Press all to display a menu of all available input sources
6	**MENU** Press to display the on-screen menu
7	**EXIT** Press to close current menu
8	**OK** Press to accept your selection or display the current mode Press to select on-screen menu items or change menu values
9	**Picture** Change picture setting, user, high brightness, standard, sport, cinema
10	**Display** Model info on screen

11	**REWIND/FORWARD/PLAY/PAUSE/STOP** Able to rewind, forward,play, pause and stop the screen
12	**Vol+ / Vol -** Press to increase or decrease the volume
13	**F1**
14	**F2**
15	**F3**
16	**F4- FREEZE** Press to freeze the picture and doesn't pause PC

* If enabled turn off screen manually to reinitiate the remote control

Controller (depending on which model)

1	**Power**	Press to tum me IU on and off
2	**MUTE**	Press to temporarily swtch the sound off
3	**NUMBERS**	Change channel inputs
4	**P MODE**	
5	**S MODE**	
6	**MENU**	Select menu
	VOL+ / VOL -	Press to increase or decrease the volume
	CHANNEL	Press to change channels
7	**SLEEP**	Sleep mode
8	**EXIT**	
9	**PC**	Switch to PC mode
10	**HDMI**	Switch to HDMI mode
11	**TV**	Switch to TV mode

Touch screens are calibrated with the pre-installed Windows Touch Pack and should be working automatically. The settings should not require any further adjustment.

If there is no touch response
Please check the power connections to the overlay are pushed in fully. Also check the USB cable is connected into the overlay and the PC, try disconnecting and re-connecting both.

After checking all cables are fully connected please try shutting down or restarting the Totem.

If the touch is not precise
Go through calibration setup right.

If there are any further faults or issues, please contact Promultis technician.

Touch calibration settings

If you need to calibrate your touch screen in Windows use the following steps: Click Start and then Control Panel. Under Tablet PC Settings, tap Calibrate the screen for pen or touch input. On the Display tab, under Display options, tap Calibrate and then Yes to allow the program to make changes.

The PC settings are only available when the touch screen is properly detected. If the option is not visible, ensure that the USB cable is connected to the PC.

If calibration does not resolve your problem, tap Reset Calibration data under Display options on the Display tab. This will remove all previous calibration data and reset your monitor display back to default settings.
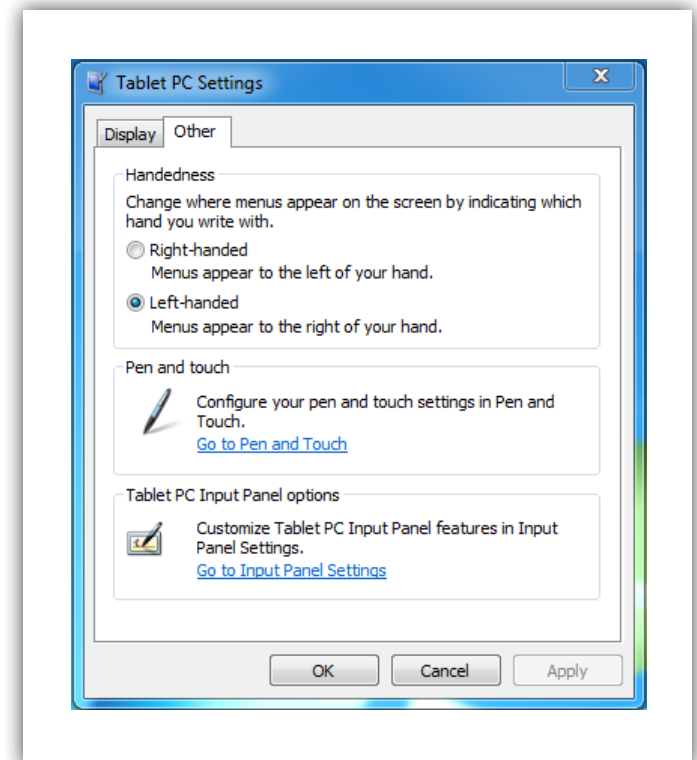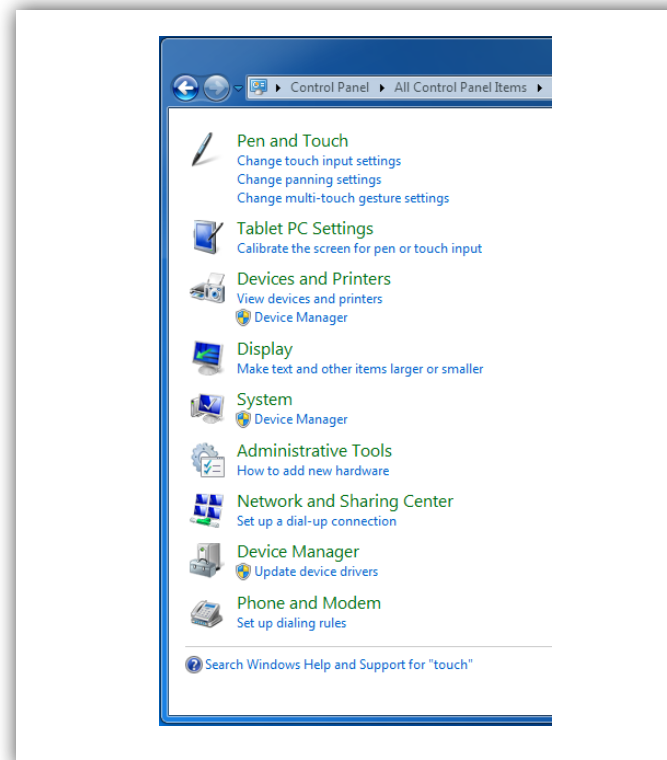
POWER, CAPABILITIES, AND PERFORMANCE IN FOUR INCHES SQUARE

Highlighted Features

1. 7th generation Intel® Core™ i5-7260U processor

2. Intel® Iris™ Plus Graphics 640

3. Two DDR4 SO-DIMM sockets (up to 32 GB, 2133 MHz)

4. 1x SATA3 port for connection to 2.5" HDD or SSD (NUC7i5BNH)

5. M.2 slot with flexible support for a 42 or 80 mm M.2 SSD

6. Intel® Optane™ Memory ready (NUC7i5BNH)

7. Intel® Dual Band Wireless-AC 8265 and Bluetooth* 4.2

8. Back panel DC power connector (12–19V)

9. One full-size HDMI* 2.0 display port supporting 8 channel audio (7.1 surround sound)

10. Intel® Gigabit LAN

11. Two USB 3.0 ports on the back panel

12. Thunderbolt™ 3 port with support for USB* 3.1 gen 2, DisplayPort* 1.2 and 40 Gb/s Thunderbolt

13. Kensington lock support

14. Support for user-replaceable third-party lids

15. Micro SD card slot

16. Consumer infrared sensor

17. Two USB 3.0 ports (including one charging port) on the front panel

18. Front panel headphone/microphone jack

19. Front panel power button

20. Dual-array front microphones

21. Multi-color front panel LED ring

NUC7i5BNH

NUC7i5BNK

INTEL® NUC KITS NUC7i5BNH AND NUC7i5BNK

Technical Specifications

Processor
- Intel® Core™ i5-7260U processor (2.2 GHz to 3.4 GHz Turbo,¹ Dual-Core 4 MB cache, 15W TDP)

Graphics
- Intel® Iris™ Plus Graphics 640
- One HDMI* 2.0 port with 4K at 60 Hz
- Thunderbolt™ 3 port with support for USB* 3.1 Gen 2, DisplayPort* 1.2 and 40 Gb/s Thunderbolt

System Memory
- Two DDR4 SO-DIMM sockets (up to 32 GB, 2133 MHz), 1.2V

Storage Capabilities
NUC7i5BNH
- Micro SDXC slot with UHS-I support on the side
- One M.2 connector supporting 22x42 or 22x80 M.2 SSD
- One SATA3 port for connection to 2.5" HDD or SSD (up to 9.5 mm thickness)

NUC7i5BNK
- Micro SDXC slot with UHS-I support on the side
- One M.2 connector supporting 22x42 or 22x80 M.2 SSD

Peripheral Connectivity
- Intel® Gigabit LAN
- Thunderbolt 3 port with support for USB* 3.1 Gen 2, DisplayPort* 1.2 and 40 Gb/s Thunderbolt

- Four Super Hi-Speed USB 3.0 ports (two back panel ports and two front ports including one charging port)
- Two additional Hi-Speed USB 2.0 ports via internal header
- Intel® Dual Band Wireless-AC 8265 (802.11ac), 2x2, up to 867 Mbps
- Dual Mode Bluetooth* 4.2

System Bios
- 64 Mb Flash EEPROM with Intel® Platform Innovation Framework for EFI Plug and Play
- Advanced configuration and power interface V3.0b, SMBIOS2.5
- Intel® Visual BIOS
- Intel® Express BIOS update support

Hardware Management Features
- Processor fan speed control
- Voltage and temperature sensing
- Fan sensor inputs used to monitor fan activity
- ACPI-compliant power management control

Expansion Capabilities
- Two Internal USB 2.0 ports via two 1x4 headers (for replaceable lid support)
- One AUX_PWR header
- One Consumer Electronics Control header

Audio
- Up to 7.1 surround audio via HDMI
- Headphone/microphone jack on the front panel

- Dual-array microphones on the front panel

Front Panel Header
- Reset, HDD LED, Power LEDs, power on/off

Mechanical Chassis Size
NUC7i5BNH
- 4.53" x 4.37" x 2.01"
- 115 mm x 111 mm x 51 mm

NUC7i5BNK
- 4.53" x 4.37" x 1.38"
- 115 mm x 111 mm x 35 mm

Baseboard Power Requirements
- 19V, 65W wall-mount AC-DC power adapter

Environment Operating Temperature
- 0° C to +40° C

Storage Temperature
- -20° C to +60° C

Product Safety Regulations and Standards
- IEC 60950-1
- UL 60950-1
- EN 60950-1
- CAN/CSA-C22.2 No. 60950-1

EMC/RF Regulations and Standards (Class B)
- CISPR 32
- FCC CFR Title 47, Chapter I, Part 15, Subparts B, C, E
- ICES-003

- EN 55032
- EN 55024
- ETSI EN 300 328
- ETSI EN 301 489-1
- ETSI EN 301 489-17
- ETSI EN 301 893
- EN 62311
- AS/NZS 2772.2
- AS/NZS 4268
- VCCI V-2, V-3, V-4
- KN-32
- KN-24
- CNS 13438

Environmental Regulations
- RoHS Directive 2011/65/EU
- WEEE Directive 2012/19/EU
- China RoHS - Management Methods for Restricted Use of Hazardous Substances in Electrical and Electronic Products

(intel)
experience
what's inside™

988mm

120mm

809mm

1439mm

2057mm

80mm

580mm

1155mm