Quanta Computer Inc.

Quanta K71 Quick Guide

Model No: K71
Quick Guide release version: 01
Quick Guide release date: 20130801

Quanta K71 device Quick Guide

Package contents

The K71 device have included below items when opened the carton packing. Please make sure that you have received all of contents before device installing.

- ✓ K71 unit x 1
- ✓ Power cord x 1
- ✓ Clean cloth x 1
- ✓ Quick guide paper x 1

Installing K71

1. Connect power cord and LAN cable to K71 as illustrated below. Press power button to power on K71. When powered on, the power LED on power button will turn blue light.
2. Please make sure the LAN cable is connected and works well. When powered on, you can see the requests of Google register setting on the screen. Before device operation, you need to finish the Setup installing.
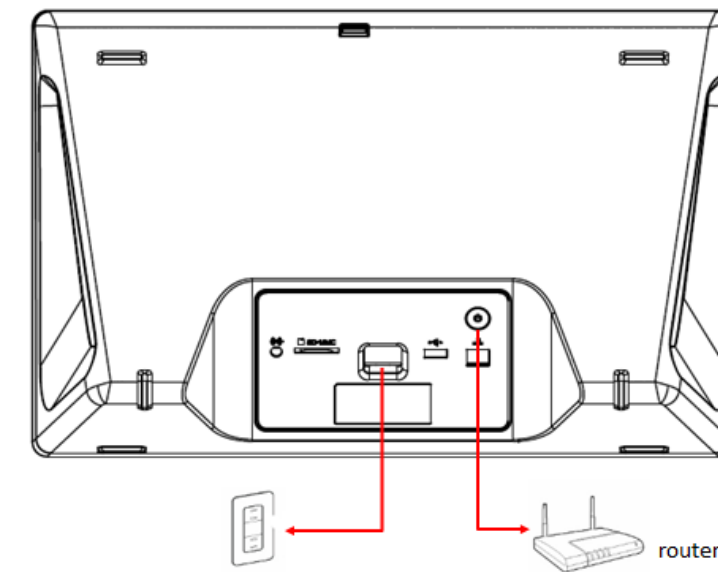

Figure1 K71 unit back side

Getting to know K71

- ● Front side introduction
1. On the top of panel area, there is a hole for microphone function.
2. There is a camera module in the middle of Top panel area.
3. Volume keys
   Use volume up and down keys to adjust the volume.
4. Home/wake-up key
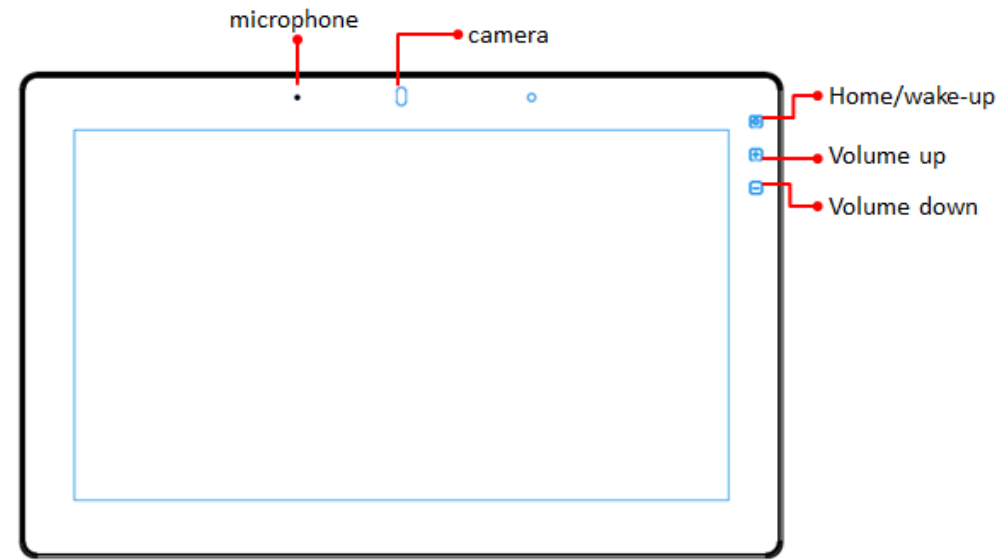   Press the home key to wake up K71 from standby mode and go back to K71 home page.

![Quanta Computer Inc. logo] **Quanta Computer Inc.**

Figure 2

- Back side introduction
1. Camera tilt knob

   K71 camera only support tilt function.   Adjust view angle upward or downward with the adjust knob on the back of the camera.
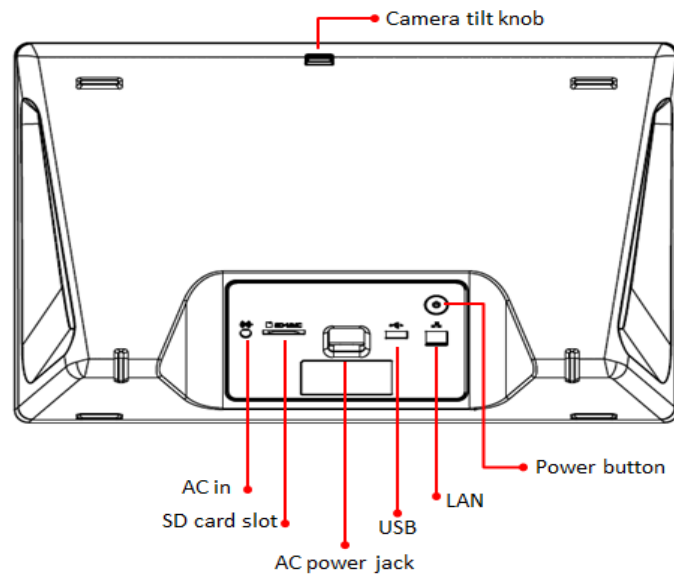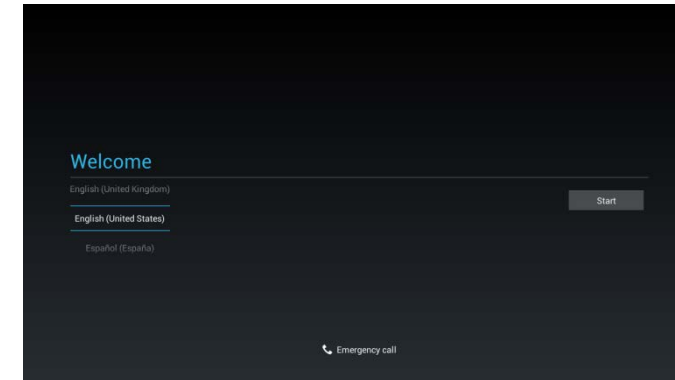2. AC in/SD card slot/AC power jack/USB/LAN/Power button were displayed at I/O plate on the back of device.
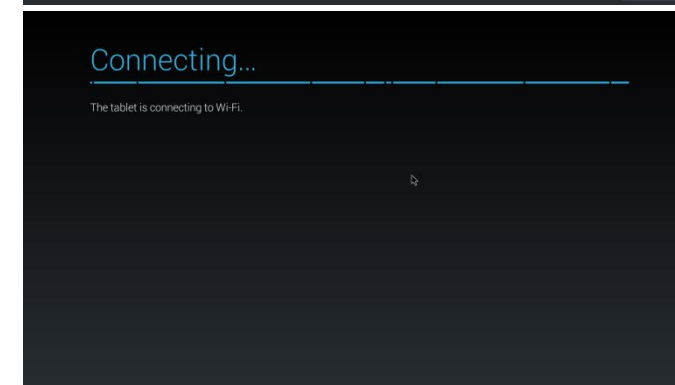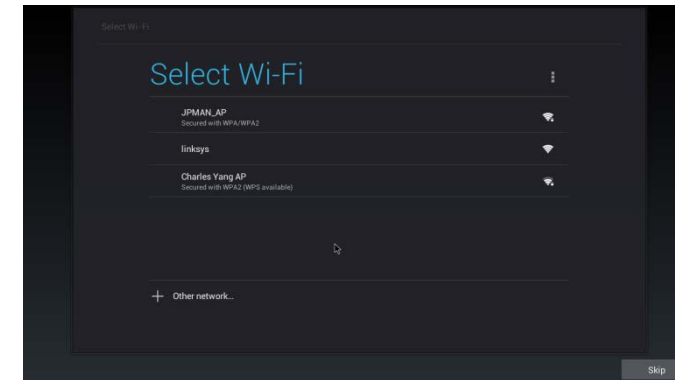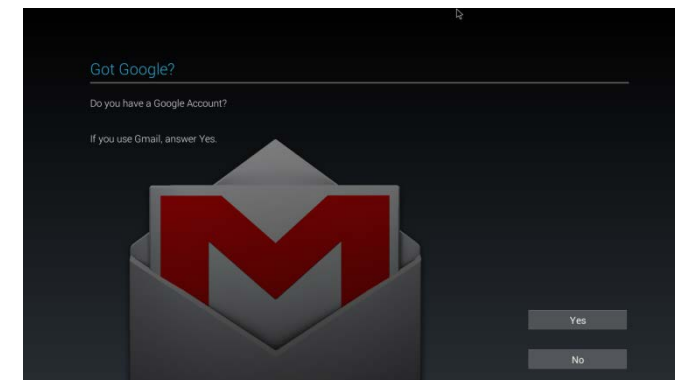

Figure 3

Initial Setup K71

1. When the device is powered on, you will enter the initial set-up screen in the beginning. Choose your language and then press "Start" key for next step.
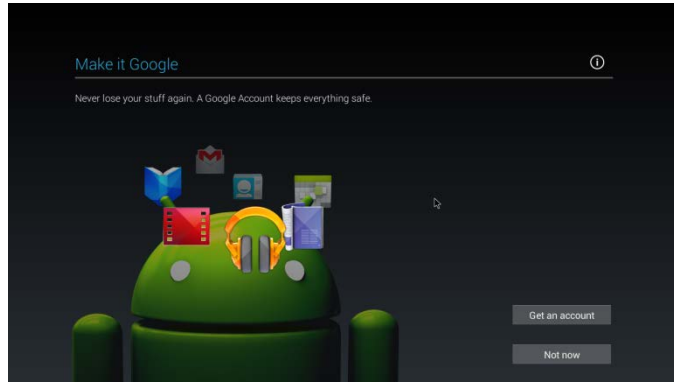

2. Select your "Wi-Fi" item or you can skip it and set up in the future.
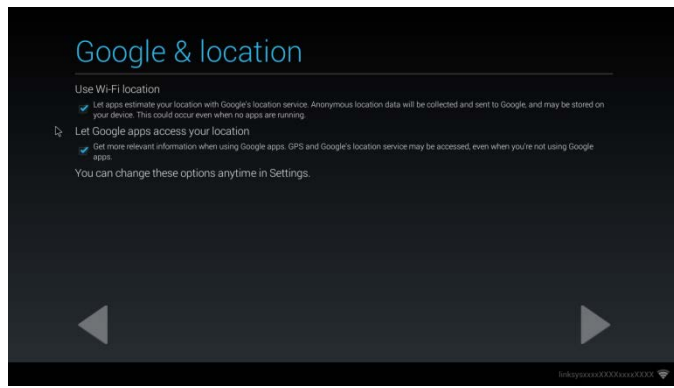

3. If you have Google account, you can fill in data at this step. Or you can choose "NO" item for next step.
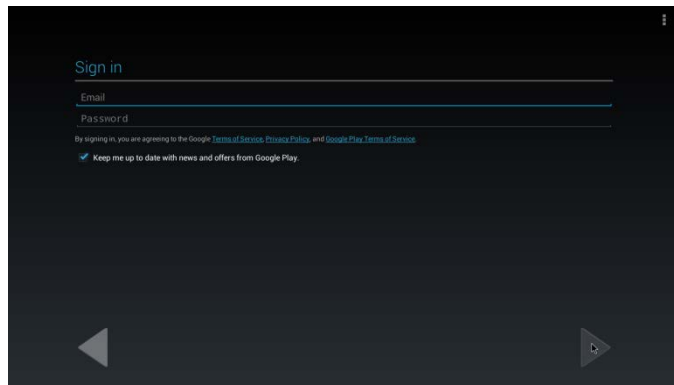
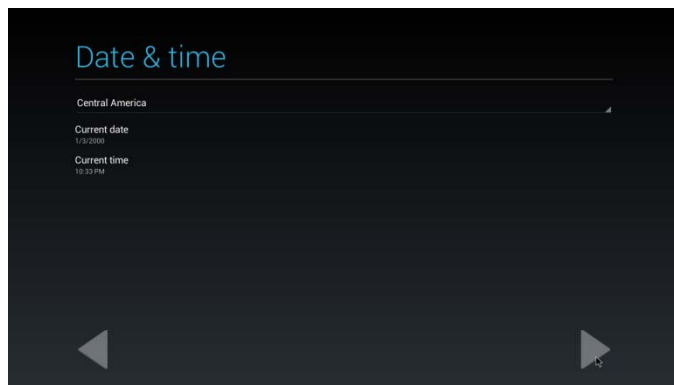4. If you do not have Google account, you can get an account now. Or you can choose "Not now" to skip.

5. Please finish "Google & location" settings at this step.
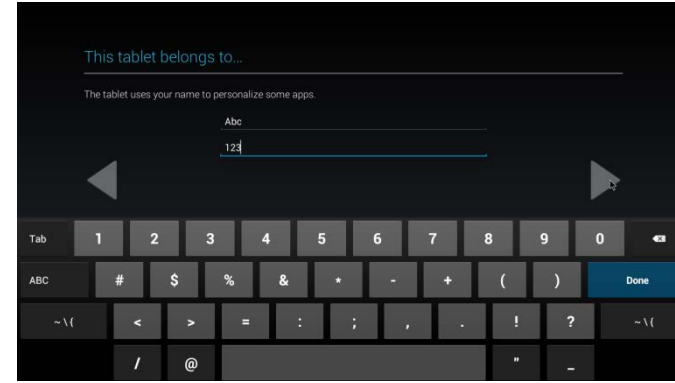

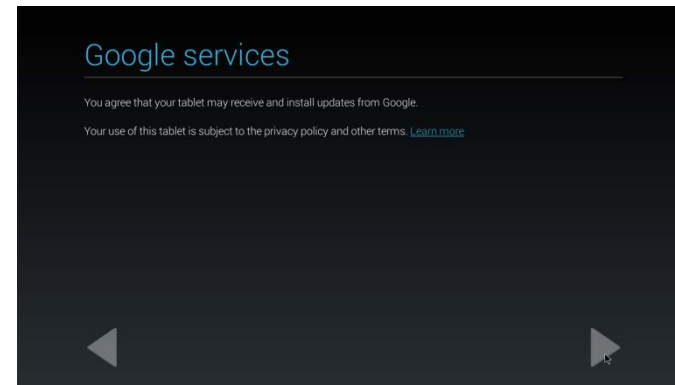6. You can finish "Sign in" settings at this step.
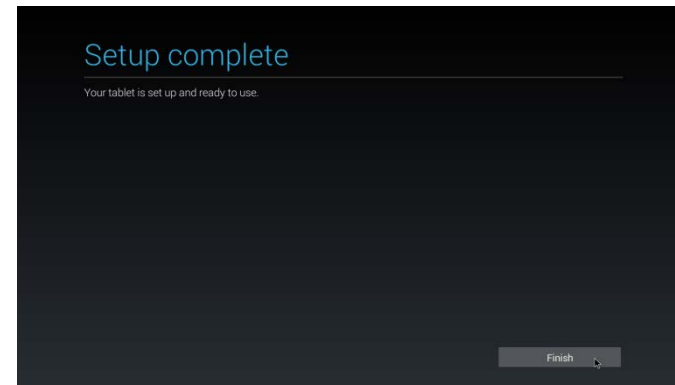

7. Please set up you Date & time.

8. Type in your name or keep empty for next step.

9. Press next step for confirming "Google services"
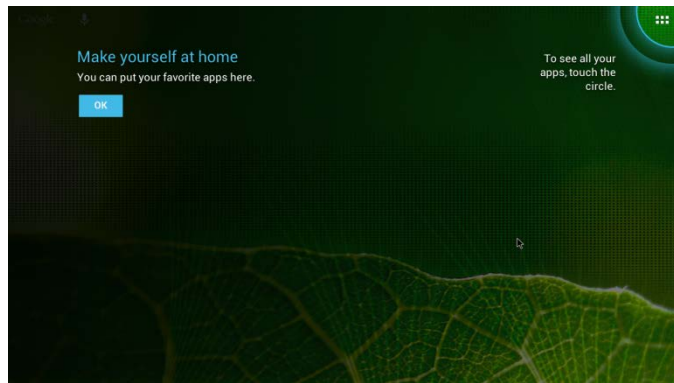

10. Press "Finish" to complete device initial Setup process. Congratulation, you have just finished K71 device initial Setup process. Now, you can start to enjoy the entertainments which were brought from K71 device.

Quanta Computer Inc.

How to use K71

1. When you see this screen picture, press "OK" to enter home screen for further operations.

2. This is the default home screen figure
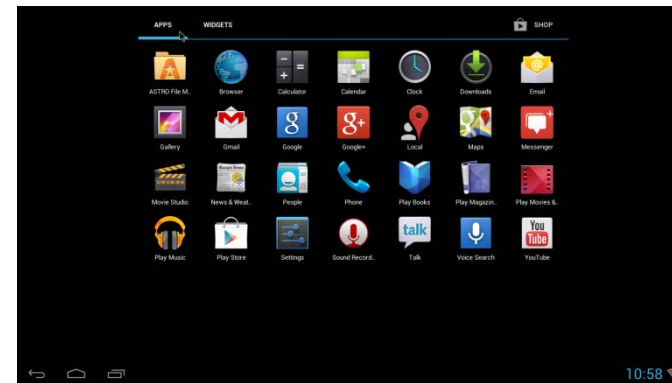

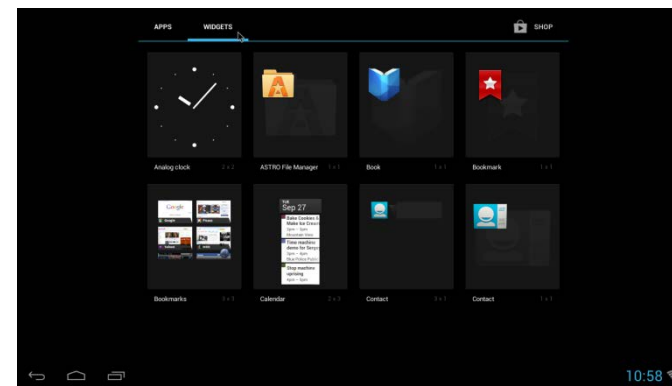3. When you want to find other installed apps, you can press the [apps icon] apps icon to enter APPS screen.
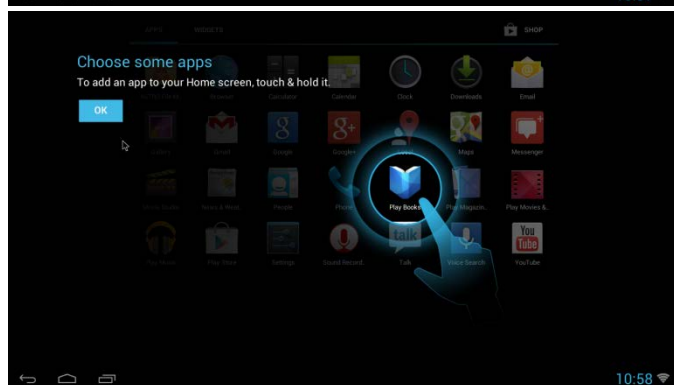
4. This is APPS screen. You can search for all Apps items in this screen.
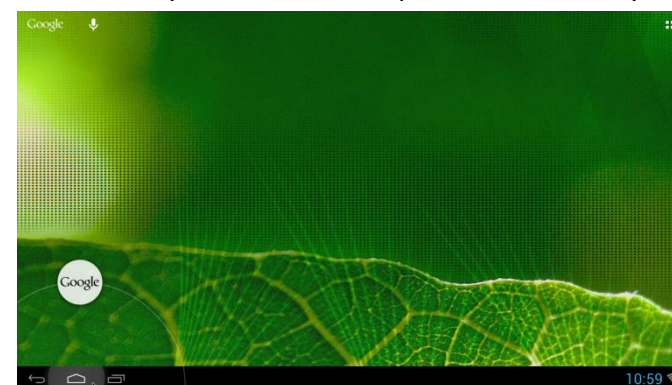

5. WIDGETS screen

6. You can press "Back" Key to return last action during the operations.
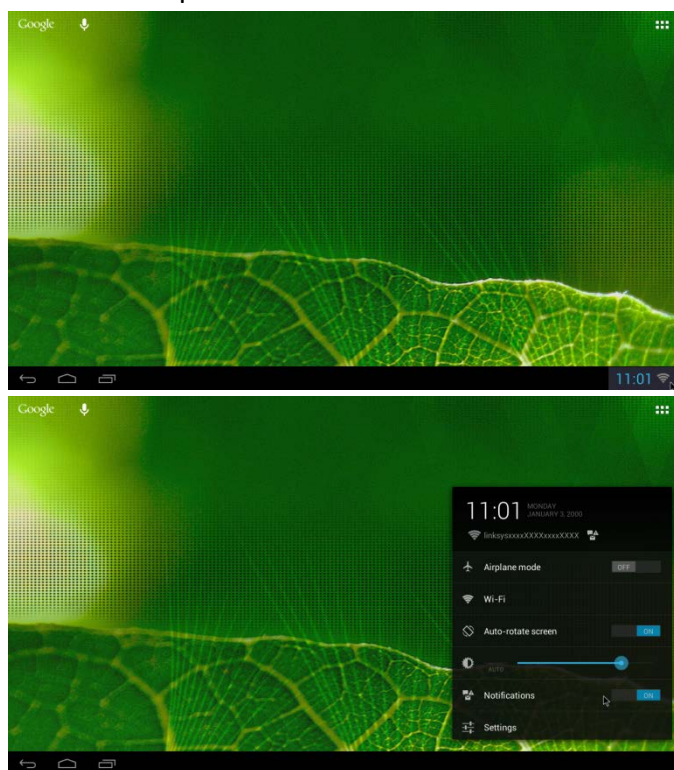

7. When you are in other operations screen, you can also press "Home" Key to return Home screen.
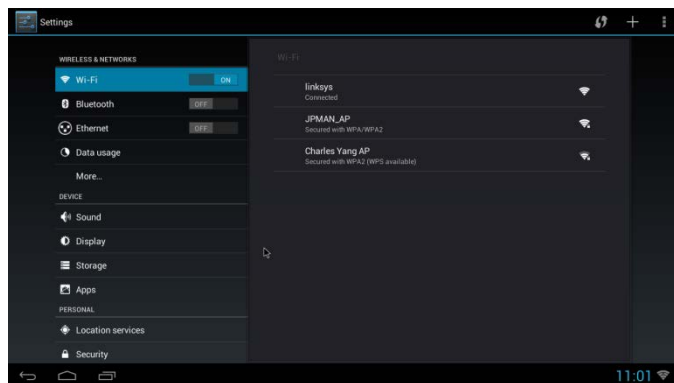
8. When you want to find the recent apps which visited before, you can press "Recent" Key.

9. You can press this icon to enter more settings.

10. You can find "WIRELESS & NETWROKS/DEVICE/PERSONAL" settings on the screen and adjust your settings.

K71 device spec list

Model	K71
Dimension	15.6": 401.38mm x 242.15mm x 102.8mm (L x W x T) (with rubber feet)
Total Weight	3.5kg N.W/3.9kg G.W
Packing Weight	0.75kg
CPU	TI OMAP 4430 1GHz
System Memory	LPDDR2, 8Gbits
Embedded Storage	e-MMC 16G Bytes
LCD	LCD Gerneral spec 1. GENERAL DESCRIPTION 1.1 OVERVIEW N156BGE-L21 is a 15.6" (15.547" diagonal) TFT Liquid Crystal Display module with LED Backlight unit and 40 pins LVDS interface. This module supports 1366 x 768 HD mode and can display 262,144 colors. The optimum viewing angle is at 6 o'clock direction. 1.2 GENERAL SPECIFICATIONS Item / Specification / Unit / Note: Screen Size — 15.547 diagonal Driver Element — a-si TFT active matrix / - / - Pixel Number — 1366 x R.G.B. x 768 / pixel / - Pixel Pitch — 0.252 (H) x 0.252 (V) / mm / - Pixel Arrangement — RGB vertical stripe / - / - Display Colors — 262,144 / color / - Transmissive Mode — Normally white / - / - Surface Treatment — Hard coating (3H), Glare / - / - Luminance, White — 220 / Cd/m2 Power Consumption — Total 5.354 W (Max.) @ cell 1.07 W (Max.), BL 4.284W (Max.) / (1) Note (1) The specified power consumption (with converter efficiency) is under the conditions at VCCS = 3.3 V, fv = 60 Hz, LED_VCCS = Typ, fPWM = 200 Hz, Duty=100% and Ta = 25 ± 2 ℃, whereas mosaic pattern is displayed.
Touchscreen	CAP Type; Full-screen Multipoint Touch Panel(10 points)
VoIP Support	Optional
I/O ports	USB x1 (2.0)
	Ethernet RJ45 x1
	PWR Keyx1
	3.5mm Stereo Audio In Jack x1
Connector on board	OTG USB x1
	HDMI-out x1
Wireless LAN	Yes (802.11b/g/n)
Bluetooth	Yes (v4.0)
ZigBee	N/A
Sensor	G-sensor x1
	Light Sensor x1
Card Reader	1 for SD and MMC type

Quanta Computer Inc.

Model	K71
Web Camera	CMOS Sensor
	5M, auto-focused
	CQEx+ Up-Down Tilt
	Output image format: H.264, MJPG, YUV
	Frame rate: 30fps
Audio	TI AIC3262
Speaker	Stereo Loudspeakers: 5W/5W (Left/Right)
Internal Mic	Analog x1
Main Battery	ML Lithium Rechargeable Battery
	Nominal Capacity：335 mAh
	Nominal Voltage：3.7V
	Watt-hour：1.23 W/hr
	Chemical System：Lithium Cobalt Dioxide / Chain Carbonate
Power cord	Embedded; 19V/1.58A
Button/Switch	Power Switch x1 with blue LED on rear I/O
	Wake-up key with capacitive switch on front panel
	Volume key (up/down) with capacitive switch on front panel
Operating System	Android 4.1.1 (Jelly Bean)
In-box Accessory	Cleaning cloth x1, Size: 170x145mm, Black color
	Power cord x1, Size: 1.8m, White color
Operating temp	0℃~40℃
Storage temp	-20℃~70℃
Regulation	RoHS, WEEE
Safety	CE/FCC/UL
Sleep mode power consumption	TBD(0.5W)
Full mode power consumption	TBD(30W)
Power off mode power consumption	0.5W
Max power	TBD

K71 device Safety statement

<u>CE Marking</u>

This device has been tested to and conforms to the regulatory requirements of the European Union and has attained CE Marking. The CE Mark is a conformity marking consisting of the letters "CE". The CE Mark applies to products regulated by certain European health, safety and environmental protection legislation. The CE Mark is obligatory for products it applies to: the manufacturer affixes the marking in order to be allowed to sell his product in the European market.

This product conforms to the essential requirements of the R&TTE directive 1999/5/EC in order to attain CE Marking.

The CE Marking is not a quality mark. Foremost, it refers to the safety rather than to the quality of a product. Secondly, CE Marking is mandatory for the product it applies to, whereas most quality markings are voluntary.

Marking: The product shall bear the CE mark.

<u>Federal Communications Commission (FCC) Statement</u>

15.21
You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

15.105(b)
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Quanta Computer Inc.

-Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1) this device may not cause harmful interference and

2) this device must accept any interference received, including interference that may cause undesired operation of the device.

FCC RF Radiation Exposure Statement:

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.