



# 86" 6086U-UH20

## PRODUCT SPECIFICATIONS



86"

**PANEL SPECIFICATIONS**

Size	86"
Screen Type	LED
Aspect Ratio	16:9
Display Area	74.61" x 41.97"
Resolution	3840(H) x 2160(V) Ultra HD
Pixel Pitch	.4935mm x .4935mm
Back Light Unit	Direct type LED
Response Time	8 ms
Refreshing Frequency	60Hz
Display Color	1.07B (10bit)
Brightness	350 cd/m <sup>2</sup>
Contrast Ratio	1200:1
Viewing Angle	178°
Life Time	30,000 Hours

The all-new  
6000U Series,  
featuring  
an ultra-thin  
appearance.



*Big viewing  
experience*



*Intuitive touch  
experience*



*Beautiful  
picture*



*True interactive  
experience*



*Rich audio  
experience*



*Integrated  
software options*

**PANEL AUDIO**

Speaker Type	Integrated Speaker
Output Power	12W x 2

**PANEL CONNECTIONS**

HDMI Output	1
USB 2.0	4 (including 2 USB ports in front)
USB 3.0	2 (including 1 USB ports in front)
Touch Input	2
HDMI 2.0 Input	1
HDMI 1.4 Input	2
Display Port Input	1
VGA Input	1
Audio Input	1
AV Input	1
RS232 Port	1
Audio Output	1
RJ45 Port	1
COAX Output	1

**PANEL INTERACTIVITY**

Sensing Type	Infrared recognition
Compatibility	Windows10/Windows8/Windows7/ Windows/XP/Vista/Linux/Mac/ Android/Wince/Chrome
Touch Point	10 points writing and 20 points touch
Writing Response	single-touch $\geq 06$ mm and multi- touch $\geq 08$ mm
Touch Tool	Finger, Finger cover by glove, Opaque objects
Response Time	<20 ms
Accuracy	$\pm 2$ mm (over 90% Area)
Communication Mode	Full-speed USB (driver free)
Interface	USB2.0 type B
Touch Drive	Free drive
Surface Hardness	Toughened Glass with Level 7 of Mohs Standard
Output Coordinate	32767 x 32767

**PANEL OPERATING SYSTEM**

System Version Android 5.1	Android 5.1
CPU	ARM Cortex A53 Dual Core CPU
GPU	Quad Core Mali 450MP
RAM	2GB
ROM	16GB

**PANEL AMBIENT**

Operation Temperature	32°F - 104°F
Operation Humidity	10% - 90%
Storage Temperature	-4°F -140°F
Storage Humidity	10% - 90%
Altitude	Below 16404.2 ft

**POWER**

Power Requirements	100-240V~ 50/60Hz
Standby Power	$\leq 0.5W$
Overall Power (nominal power)	500W

**PHYSICAL SPECIFICATION**

Key Location & Number	Front physical keys , 6
Dimension L*H*D	78.27" x 46.38" x 3.92"
Dimension (package) L*W*H	87.05" x 53.94" x 11.02"
Net Weight	171.96 lbs
Gross Weight	231.49 lbs
Thickness of machine and wall mount	5.73" CTI-MOUNT-FIXW
Wall-hanging Screw Spec	M8 x 25 mm
VESA	800 x 600 mm

**ACCESSORIES**

AC Power Supply, Quick Start Guide, Writing Pens, Remote Control, HDMI Cable, Audio Cable and USB Cable

**PC MODULE (OPTIONAL)**

Type	Type Detachable PC module		
Model	CTI-PCMOD-PC25-ST - i5 CTI-PCMOD-PC25-IG - i5 CTI-PCMOD-PC27-IG - i7 CTI-PCMOD-PC27-VP - i7		
CPU	Intel® Dual Core™ i5 Intel® Dual Core™ i5 Intel® Dual Core™ i7 Intel® Dual Core™ i7 vPro		
RAM	DDR4 8GB   DDR4 16GB		
SSD	128GB   256GB		
Graphics	Integrated Intel® HD Graphics Independent Intel® HD Graphics Independent Intel® HD Graphics vPro Intel® HD Graphics		
Chipset	Intel H110 Express		
Sound Card	Integrated High Definition Audio Stereo		
Networking	10/100/1000MB		
WIFI	802.11 a/b/g/n/ac (2.4G & 5G)		
Bluetooth	Bluetooth 4.2		
Operation System	Not Included	Earphone Output	1
USB3.0	6	Microphone Input	1
LAN(RJ45)	1	Display Port Output	1
VGA Output	1	HDMI Output	1

**PANEL WARRANTY OPTIONS**

Standard	1 Year Onsite
Registered	3 Year Onsite
Optional	5 Year Onsite