

## PC PART

Processor	Intel® Celeron J4105 (Quad Core 1.5GHz, up to 2.5GHz burst), Fanless
Graphics	Integrated Graphics
Operation System	Windows 10 IoT Enterprise LTSC
System Memory	8GB (2x4GB) DDR4, 2666MHz, 2 SODIMM slots
Storage	128GB SSD (M.2)
Display Support	Up to 2 displays : 3840x2160@60Hz (via DisplayPort 1.2 out), 3840x2160@60Hz (via USB Type-C)
Expansion Slot	M.2 Slots x 2 (Slot 1 : 128GB SSD, Slot 2 : WiFi + Bluetooth card) * Note: Slot 1 should be capable of supporting SATA, SO-DIMM x 2 (Slot 1 : 4GB DDR4, Slot 2 : 4GB DDR4)
TPM (Trust Platform Module)	Hardware TPM 2.0
VDI Support	Citrix, VMware, Microsoft RDP, PCoIP S/W

## DISPLAY

Size (Inch)	23.8
Size (cm)	60.47 cm
Aspect Ratio	16:9
Resolution	1920 x 1080
Panel Type	IPS
Panel Multi	BMS / LGD Module

<b>Backlight Technology</b>	LED
<b>Backlight Type</b>	Edge
<b>Backlight Array</b>	H1B
<b>Backlight Dimming Technology</b>	Global Dimming
<b>Pixel Pitch</b>	0.2745 x 0.2745 mm
<b>Brightness (Min.)</b>	200 cd/m <sup>2</sup>
<b>Brightness (Typ.)</b>	250 cd/m <sup>2</sup>
<b>Colour Gamut (Typ.)</b>	NTSC 72% (CIE1931)
<b>Colour Depth (Number of Colours)</b>	16.7M
<b>Colour Bit</b>	8bit (6bit+FRC)
<b>Contrast Ratio (Min.)</b>	600:1
<b>Contrast Ratio (Typ.)</b>	1000:1
<b>Contrast Ratio with DFC</b>	Mega
<b>Response Time</b>	5ms (GtG at Faster)
<b>Viewing Angle (CR≥10)</b>	178° (R/L), 178° (U/D)
<b>Surface Treatment</b>	Anti Glare, 3H

## FEATURE

<b>Webcam</b>	Yes (FHD, Integrated with Microphone, Pop-up type, no webcam app provided)
<b>Black Stabilizer</b>	Yes

Colour Weakness	Yes
Dynamic Action Sync	Yes
Flicker Safe	Yes
Picture Mode	Custom, Reader,Photo, Cinema, Colour Weakness, Game
Reader Mode	Yes
Smart Energy Saving	Yes
Super Resolution+	Yes

## SW APPLICATION

Management Console	LG Cloud Device Manager
OnScreen Control (LG Screen Manager)	Yes

## CONNECTIVITY

HDMI	Yes (1ea)
HDMI Version	1.4
HDMI (H-Frequency)	30~85KHz
HDMI (V Frequency)	56~75Hz
HDMI (HDCP Version)	1.4
HDMI (Max. Resolution at Hz)	1920X1080 75Hz
HDMI (PC)	1920 X 1080 75Hz
HDMI (Video)	1920 X 1080 60Hz

DisplayPort	Yes(out 1 ea)
DP Version	1.2
DP (Max. Resolution at Hz)	3840 X 21 60 60Hz
MIC & Headphone out combo	Yes (1 x 3.5mm audio-mic combo jack (CTIA Type))
USB	2x USB 2.0 Type-A, 4 x USB 3.1 gen1 (5Gb/s) Type-A
USB-C	Yes (out 1 ea)
USB-C (DP Version)	1.2
USB-C (DP Alternate Mode)	Yes
USB-C (Data Transssmission)	Yes
USB-C (Max. Resolution at Hz)	3840 x 21 60 @ 60Hz
[Location]	Vertical

## SOUND

Speaker	Yes
Speaker_Channel	2ch
Speaker_Output (unit)	3W
Speaker_Direction	Down Firing
Maxx Audio	Yes

## POWER

AC Input	100-240Vac, 50/60Hz
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DC Output	19V 5.79A
Power Consumption (DC Off)	Less than 1.2W
Power Consumption (Energy Star)	72.2Kwh
Power Consumption (Max.)	68W
Power Consumption (Typ.)	25W
Power Consumption (Sleep Mode)	1.24W
Long Idle (Display OFF)	3.8W
Short Idle (Display ON)	17.5W
TEC (kWh)	95.6KWh
Type	External Power (Adapter)

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## MECHANICAL

Borderless Design	Normal
Assembly Step	Three-Step
Base Detachable	Yes
Colour (Front Cabinet)	Matt Black
Colour (Middle Cabinet)	Matt Black
Colour (Back Cover)	Matt Black
Colour (Stand Body)	Matt Black
Colour (Stand Base)	Matt Black
Display Position Adjustments	Tilt/Height/Swivel/Pivot

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Tilt	-5° ~ 35°
Swivel	0°~355° (±5°)
Pivot	Bi-Direction
Height Range	130mm (Max.512.7 ~ Min. 382.7)
Down Height	72.5mm
OneClick Stand	Yes
Wall Mountable	100 x 100 mm

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## DIMENSIONS/WEIGHT

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Dimension in Shipping (W x H x D)	614 x 462 x 174 mm
Dimension with Stand (W x H x D)	553.4 x 382.7 x 240 mm
Dimension without Stand (W x H x D)	553.4 x 332.7 x 59.4 mm
Pallet Stuffing (20ft/40ft/40ft HC)	440/924/1008
Weight in Shipping	8.6
Weight with Stand	6.2
Weight without Stand	4.1

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## STANDARD

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CB	Yes
CE	Yes
EPA	YES (8.0)

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EPEAT (Germany)	BRONZE
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EPEAT (USA)	BRONZE
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Energy Star	Yes
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ERP	Yes
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FCC-B	Yes
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KC (for Rep. of Korea)	Yes
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ROHS, REACH	Yes
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TUV-Ergo	Yes
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TUV-GS	Yes
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TUV-type	Yes
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UL(cUL)	Yes
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VESA wall mount standard	Yes
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## ACCESSORY

Adapter	Yes
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Adapter (Colour)	Black
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Power Cord	Yes
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Power Cord (Colour/Length)	Black / 1.55m
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External Antenna	NO (Internal Antenna)
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## NETWORK

<b>LAN</b>	1 x RJ45 : 10/100/1000 Base-T Gigabit Ethernet (Wake on LAN)
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<b>Wi-Fi</b>	Dual Band 802.11 a/b/g/n/ac 2x2 (BT 5.0 Combo, Internal Antenna)
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<b>Bluetooth</b>	BT5.0
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## CONTROL KEY

<b>Key Location</b>	Front
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<b>Key Number (Power Key Included)</b>	7
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<b>Key Type</b>	Tact
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<b>LED Colour(On mode)</b>	White(AIO PC)
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<b>LED Colour(Power save mode)</b>	Blinking (AIO PC)
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<b>LED Colour(Standby)</b>	OFF(AIO PC)
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## OSD

<b>Country</b>	English, Germanic, French, Spanish, Italian, Swedish, Finnish, Portuguese, Polish, Russian, Greek, Chinese, Japanese, Korean, Ukrainian, Portuguese(brazil), Hindi, Traditional Chinese
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<b>Number of Language</b>	18
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## BOX COSMETIC

<b>Box Printing Type</b>	Flexo
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<b>Handle</b>	Hand Hole
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<b>Packing Material</b>	EPS
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**Stacking Type**

Face Down

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**Stand Packing Type**

Detached

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**ETC**

**Humidity Range**

Operating : 20%~80%, Storage : 10%~90%

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**Temperature Range**

Operating : 10°C ~ 40°C, Storage : -20°C ~ 60°C

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