

## SYSTEM

Processor	Intel® Celeron J4105 (Quad Core 1.5GHz, up to 2.5GHz burst), Fanless
Graphics	Integrated Graphics
OS	Non OS
Memory	4GB DDR4, 2666MHz
Storage	16GB eMMC
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 : N/A, Slot 2 : WiFi + Bluetooth card) * Note: Slot 1 should be capable of supporting SATA SO-DIMM x 2 (Slot 1 : 4GB DDR4, Slot 2 : N/A)
TPM (Trust Platform Module)	Hardware TPM 2.0

## DISPLAY

Size (Inch)	27
Size (cm)	68.6 cm
Aspect Ratio	16:9
Resolution	1920 x 1080
Panel Type	IPS
Panel Multi	BOE Module
Backlight Technology	LED

<b>Backlight Type</b>	Edge
<b>Backlight Array</b>	H1B
<b>Backlight Dimming Technology</b>	Global Dimming
<b>Local Dimming Zone</b>	N/A
<b>Pixel Pitch</b>	0.3114 x 0.3114 mm
<b>Brightness (Min.)</b>	250 cd/m <sup>2</sup>
<b>Brightness (Typ.)</b>	300 cd/m <sup>2</sup>
<b>Peak Brightness (Min.)</b>	N/A
<b>Peak Brightness (Typ.)</b>	N/A
<b>Color Gamut (Min.)</b>	N/A
<b>Color Gamut (Typ.)</b>	NTSC 72% (CIE1931)
<b>Color Depth (Number of Colors)</b>	16.7M
<b>Color Bit</b>	8bit (6bit+FRC)
<b>Contrast Ratio (Min.)</b>	700:1
<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
<b>Curvature</b>	N/A

## FEATURE

Webcam	Yes (FHD, Pop-up type, webcam)
Black Stabilizer	Yes
Color Weakness	YES
Flicker safe	YES
Picture Mode	Custom, Reader,Photo, Cinema, Color Weakness, Game
Reader Mode	YES
Smart Energy Saving	YES
Super Resolution+	YES

## SW APPLICATION

OnScreen Control (LG Screen Manager)	YES(HDMI IN Only)
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## CONNECTIVITY

HDMI	YES(1ea)
HDMI Version	2.0
HDMI (H-Frequency)	85KHz
HDMI (V Frequency)	75Hz
HDMI (HDCP Version)	1.4
HDMI (Max. Resolution at Hz)	1920X1080 75Hz
DisplayPort	YES(out 1ea)

<b>DP Version</b>	1.2
<b>DP (Max. Resolution at Hz)</b>	3840X21 60 60Hz
<b>MIC &amp; Headphone out combo</b>	YES (1 x 3.5mm audio-mic combo jack (CTIA Type))
<b>Fiber Ready</b>	SFP Module support ready for Fiber NIC network connectivity (mutually exclusive with RJ45)
<b>Thunderbolt (Power Delivery)</b>	N/A
<b>Thunderbolt(USB-C Compatiblity)</b>	N/A
<b>USB</b>	2 x USB 2.0 Type-A 4 x USB 3.1 gen1 (5Gb/s) Type-A 1 x USB 3.1 gen1 (5Gb/s) Type-C with DP out
<b>USB-C</b>	YES(out 1ea)
<b>USB-C (DP Version)</b>	1.2
<b>USB-C (Power Delivery)</b>	N/A
<b>[Location]</b>	Vertical

## SOUND

<b>Speaker</b>	YES
<b>Speaker_Channel</b>	2ch
<b>Speaker_Output (unit)</b>	3W
<b>Speaker_Direction</b>	Down Firing
<b>Maxx Audio</b>	YES

## POWER

AC Input	100-240Vac, 50/60Hz
DC Output	19V 5.79A
Power Consumption (DC Off)	Less than 1.2W
Power Consumption (Typ.)	30W
Power Consumption (Sleep Mode)	1.42W
Long Idle (Display Off)	4.35W
Short Idle (Display On)	20.2W
Type	External Power(Adapter)

## MECHANICAL

Borderless Design	Normal
Assembly Step	Three-Step
Base Detachable	YES
Color (Front Cabinet)	Matt Black
Color (Middle Cabinet)	Matt Black
Color (Back Cover)	Matt Black
Color (Stand Body)	Matt Black
Color (Stand Base)	Matt Black
Display Position Adjustments	Tilt/Height
Tilt	-5° ~ 35°
Swivel	0°~355° (±5°)

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<b>Pivot</b>	Bi-Direction
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<b>Height Range</b>	130mm
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<b>Down Height</b>	70mm
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<b>OneClick Stand</b>	YES
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<b>Wall Mountable</b>	100 x 100 mm
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## DIMENSIONS & WEIGHT

<b>Dimension in Shipping (W x H x D)</b>	707x516x233
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<b>Dimension with Stand (W x H x D)</b>	622.3x531.7x239.6
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<b>Dimension without Stand (W x H x D)</b>	622.3x371.5x61.0
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<b>Pallet Stuffing (20ft/40ft/40ft HC)</b>	320/576/640
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<b>Weight in Shipping</b>	10.5
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<b>Weight with Stand</b>	7.8
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<b>Weight without Stand</b>	5.6
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## STANDARD

<b>CB</b>	YES
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<b>CE</b>	YES
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<b>FCC-B</b>	YES
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<b>KC (for Rep. of Korea)</b>	YES
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<b>ROHS, REACH</b>	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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Windows	YES
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## ACCESSORY

Adapter	YES
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Adapter (Color)	Black
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Power Cord	YES
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Power Cord (Color/Length)	Black / 2.0m
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HDMI	YES
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HDMI (Color/Length)	Black / 2.0m
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Display Port	YES
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Display Port (Color/Length)	Black / 2.0m
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External Antenna	NO (Internal Antenna)
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## NETWORK

LAN	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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## RESOLUTION

<b>HDMI (PC)</b>	1920X1080 75Hz
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<b>HDMI (Video)</b>	1920X1080 60Hz
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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 Color(On mode)</b>	White(AIO PC)
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<b>LED Color(Power save mode)</b>	Blinking (AIO PC)
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<b>LED Color(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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**Handle** Hand Hole

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**Packing Material** EPS

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**Stacking Type** Face Down

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**Stand Packing Type** Detached

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## ETC

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**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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## COMPLIANCE INFORMATION

[WEB INFO\(27CN650N-6N\)](#)

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**MORE COMPLIANCE INFORMATION**

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