

4K OPS PC

Next Generation High Speed Computing



SPECIFICATIONS

Model	WB5W810W	WB5W820W	WB7W810W	WB7WB820W
CPU	i5-8265U / 8th Generation	i5-8265U / 8th Generation	i7-8565U / 8th Generation	i7-8565U / 8th Generation
GHZ	6M Cache, up to 3.90 GHz	6M Cache, up to 3.90 GHz	8M Cache, up to 4.60 GHz	8M Cache, up to 4.60 GHz
RAM	4G*2 DDR4	4G*2 DDR4	4G*2 DDR4	4G*2 DDR4
Graphics	Intel® UHD Graphics for 8th Generation Intel® Processors	Intel® UHD Graphics for 8th Generation Intel® Processors	Intel® UHD Graphics for 8th Generation Intel® Processors	Intel® UHD Graphics for 8th Generation Intel® Processors
HD drive	128G SSD	256G SSD	128G SSD	256G SSD
TPM	TPM2.0	TPM2.0	TPM2.0	TPM2.0
HDMI	1x HDMI 2.0 out, Max.4K/24Hz	1x HDMI 2.0 out, Max.4K/24Hz	1x HDMI 2.0 out, Max.4K/24Hz	1x HDMI 2.0 out, Max.4K/24Hz
Audio	REALTEK ALC662 Audio IC	REALTEK ALC662 Audio IC	REALTEK ALC662 Audio IC	REALTEK ALC662 Audio IC
MIC	1x 3.5mm Mic in	1x 3.5mm Mic in	1x 3.5mm Mic in	1x 3.5mm Mic in
line out	1x 3.5mm Line out	1x 3.5mm Line out	1x 3.5mm Line out	1x 3.5mm Line out
USB 2.0	2x USB3.0 Type A	2x USB3.0 Type A	2x USB3.0 Type A	2x USB3.0 Type A
USB 3.0	2x USB2.0 Type A	2x USB2.0 Type A	2x USB2.0 Type A	2x USB2.0 Type A
USB C type	1x USB Type C	1x USB Type C	1x USB Type C	1x USB Type C
1000 Mbit/ RJ45	1x RJ4510/100/1000M	1x RJ4510/100/1000M	1x RJ4510/100/1000M	1x RJ4510/100/1000M
Build-in Wifi	802.11ac (2x WIFI/BT ANT)	802.11ac (2x WIFI/BT ANT)	802.11ac (2x WIFI/BT ANT)	802.11ac (2x WIFI/BT ANT)
Bluetooth	BT4.2	BT4.2	BT4.2	BT4.2
JAE 80-pin Connection	Yes	Yes	Yes	Yes
OPS interface	TX24A support 4K@60HZ	TX24A support 4K@60HZ	TX24A support 4K@60HZ	TX24A support 4K@60HZ
Temperature	Operdting 5 °C °C-45 Storage 10 °C 50 °C	Operdting 5 °C °C-45 Storage 10 °C 50 °C	Operdting 5 °C °C-45 Storage 10 °C 50 °C	Operdting 5 °C °C-45 Storage 10 °C 50 °C
Relative humidity	5%~95% non condensing	5%~95% non condensing	5%~95% non condensing	5%~95% non condensing
Powerinput	12-19v DC IN	12-19v DC IN	12-19v DC IN	12-19v DC IN
OS	pre-install Win 10 Pro English (non license)	pre-install Win 10 Pro English (non license)	pre-install Win 10 Pro English (non license)	pre-install Win 10 Pro English (non license)
Dimension	OPS Standard 180*119*30(mm)	OPS Standard 180*119*30(mm)	OPS Standard 180*119*30(mm)	OPS Standard 180*119*30(mm)

Model	WB7WB120W	WB7WB150W	WB5A810W	WB71123W
CPU	i7-8565U / 8th Generation	i7-8565U / 8th Generation	i5 -10210U /10th Generation	i7 - 9700U / 9th Generation
GHZ	8M Cache, up to 4.60 GHz	8M Cache, up to 4.60 GHz	6M Cache, up to 4.20 GHz	12M Cache, up to 4.70 GHz
RAM	8G*2 DDR4	8G*2 DDR4	4G*2 DDR4	DDR4 16GB (8G *2 GB)
Graphics	Intel® UHD Graphics for 8th Generation Intel® Processors	Intel® UHD Graphics for 8th Generation Intel® Processors	Intel® UHD Graphics for 10th Gen Intel® Processors	"Integrated graphics: Intel® UHD Graphics 630 Discrete graphics: GTX1050Ti"
HD drive	256G SSD	512G SSD	128G SSD	256GB SSD
TPM	TPM2.0	TPM2.0	TPM2.0	TPM 2.0
HDMI	1x HDMI 2.0 out, Max.4K/24Hz	1x HDMI 2.0 out, Max.4K/24Hz	1x HDMI 2.0 out, Max.4K/24Hz	1x HDMI 2.0 out, Max.4K /60Hz + 1XDisplay Port 1.2 out + 1XVGA out
Audio	REALTEK ALC662 Audio IC	REALTEK ALC662 Audio IC	REALTEK ALC662 Audio IC	REALTEK ALC662 Audio IC
MIC	1x 3.5mm Mic in	1x 3.5mm Mic in	1x 3.5mm Mic in	1x 3.5mm Mic in
line out	1x 3.5mm Line out	1x 3.5mm Line out	1x 3.5mm Line out	1x 3.5mm Line out
USB 2.0	2x USB3.0 Type A	2x USB3.0 Type A	2x USB3.0 Type A	6x USB3.0 Type A
USB 3.0	2x USB2.0 Type A	2x USB2.0 Type A	2x USB2.0 Type A	Nil
USB C type	1x USB Type C	1x USB Type C	1x USB Type C	Nil
1000 Mbit/ RJ45	1x RJ4510/100/1000M	1x RJ4510/100/1000M	1x RJ4510/100/1000M	1x RJ45 10/100/1000M
Build-in Wifi	802.11ac (2x WIFI/BT ANT)	802.11ac (2x WIFI/BT ANT)	802.11ac (2x WIFI/BT ANT)	802.11ac (2x WIFI/BT ANT)
Bluetooth	BT4.2	BT4.2	BT4.2	BT4.2
JAE 80-pin Connection	Yes	Yes	Yes	Yes
OPS interface	TX24A support 4K@60HZ	TX24A support 4K@60HZ	TX24A support 4K@60HZ	TX24A support 4K@60HZ
Temperature	Operdting 5 °C °C-45 Storage 10 °C 50 °C	Operdting 5 °C °C-45 Storage 10 °C 50 °C	Operdting 5 °C °C-45 Storage 10 °C 50 °C	Operdting 5 °C °C-45 Storage 10 °C 50 °C
Relative humidity	5%~95% non condensing	5%~95% non condensing	5%~95% non condensing	10 %~90% non condensing
Powerinput	12-19v DC IN	12-19v DC IN	12-19v DC IN	12-19v DC IN
OS	pre-install Win 10 Pro English (non license)	pre-install Win 10 Pro English (non license)	pre-install Win 10 Pro English	pre-install Win 10 Pro English
Dimension	OPS Standard 180*119*30(mm)	OPS Standard 180*119*30(mm)	OPS Standard 180*119*30(mm)	OPS C Standard 180*195*30 (mm)

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