

Product Specifications

Customer	
Model Name	NTWB512 V100
Model Number	NTWB512-GI <u>XXXXXX</u> - <u>XXX</u> -100

* X = A~Z, 0~9 (Depends on Options.)



Records of Revision			
Vision	Modifying	Old Description	New Description
v2307.1	Preliminary Specification		
v2307.2	New trademark released		

Features

- ★ Intel® 12th Generation Core i Series CPU
- ★ DDR4 8G RAM Max to 64G
- ★ GbE LAN Port x2
- ★ SATA 6Gb/s Port x1
- ★ M.2 with SATA 60Gb/s
- ★ HDMI Output x2
- ★ Realtek® Audio Codec
- ★ 2 x RS232 Port
- ★ Metal Cabinet
- ★ Made in Taiwan, 3 Years Warranty



ISO9001



System Specifications

CPU	Intel® Core i U Series Processor
Memory	DDR4 SO-DIMM x2, Max. Capacity 64G
Network	Intel® i226V Gbe LAN Ports x2
Storage	SATAx1, M.2 M-key (SATA 6Gb/s) x1, Full-size Mini PCIe Slot x1
Video Output	Intel® Iris Xe Graphics HDMI 2.0 Port x2, Max. Resolution 4096x2160 @60Hz
Sound Chip	Realtek® Audio CODEC
Expansion Slots	2242 M.2 M-Key (SATA 6Gb/s) x1 Full-Size Mini PCIe with SIM Slot (PCIex1, USB2.0)
Rear I/O	HDMI x2 RJ45 LAN Ports x2 USB 3.2 x4 RS232 x2
Operating Temp.	0~60°C
Storage Temp.	-40~85°C
Operating Humidity	0~90% (non-condensing)
Storage Humidity	0~95% (non-condensing)
Power Input	9~36VDC-in

System Options

CPU		
	Item	Model Name
Standard	Core i3-1215UE	NTWB512-GI<u>31</u>XXX-XXX-100
Option 1	Core i5-1235U	NTWB512-GI <u>51</u> XXX-XXX-100
Option 2	Core i7-1255U	NTWB512-GI <u>71</u> XXX-XXX-100

Memory		
	Item	Model Name
Standard	DDR4 SO-DIMM 8G	NTWB512-GIXX<u>8</u>XX-XXX-100
Option 1	DDR4 SO-DIMM 16G	NTWB512-GIXX <u>A</u> XX-XXX-100
Option 2	DDR4 SO-DIMM 32G	NTWB512-GIXX <u>B</u> XX-XXX-100
Option 3	DDR4 SO-DIMM 64G	NTWB512-GIXX <u>C</u> XX-XXX-100

System Options (Continued)

Storage		
	Item	Model Name
Standard	SSD 128G	NTWB512-GIXXX<u>S1</u>-XXX-100
Option 1	SSD 256G	NTWB512-GIXXX <u>S2</u> -XXX-100
Option 2	SSD 512G	NTWB512-GIXXX <u>S3</u> -XXX-100
Option 3	SSD 1T	NTWB512-GIXXX <u>S4</u> -XXX-100

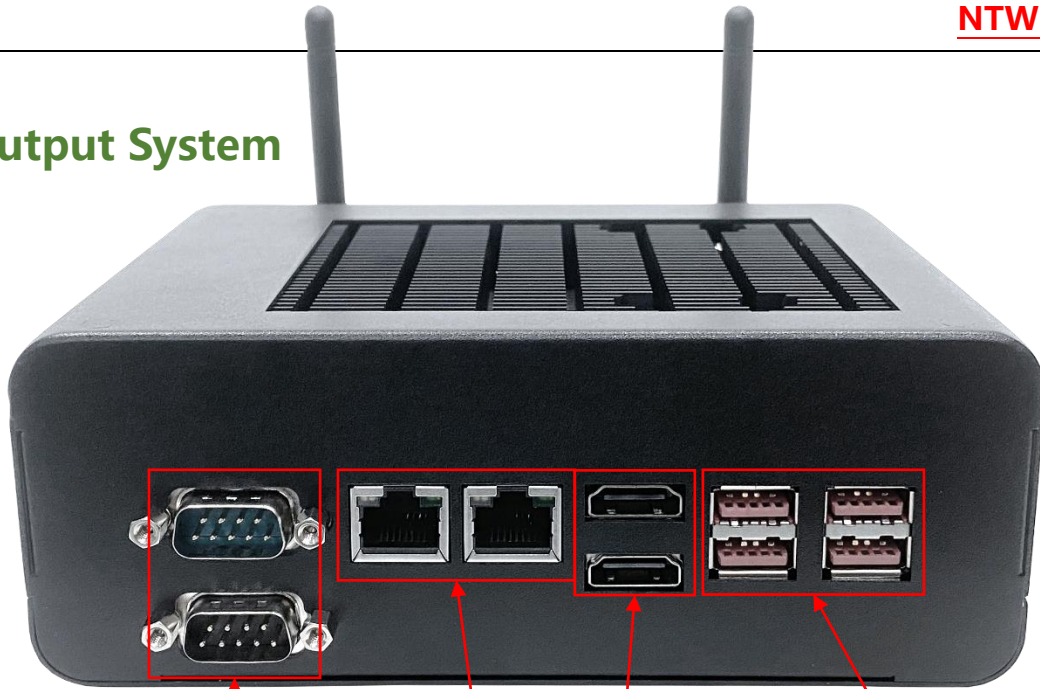
Material of Cabinet		
	Description	Model Name
Standard	SECC	NTWB512-GIXXXXXX-<u>SXX</u>-100
Option 1	Stainless Steel	NTWB512-GIXXXXXX- <u>LXX</u> -100
Option 2	Aluminum	NTWB512-GIXXXXXX- <u>AXX</u> -100

Color of Cabinet		
	Description	Model Name
Standard	Black	NTWB512-GIXXXXXX-<u>XBX</u>-100
Option 1	White	NTWB512-GIXXXXXX- <u>XWX</u> -100
Option 2	Silver	NTWB512-GIXXXXXX- <u>XSX</u> -100
Options	Other Colors	NTWB512-GIXXXXXX- <u>XOX</u> -100

* X = A~Z, 0~9 (Depends on Color)

Wireless Network		
	Description	Model Name
Standard	N/A	NTWB512-GIXXXXXX-<u>XX0</u>-100
Option	WIFI 4.0+BlueTooth	NTWB512-GIXXXXXX- <u>XXW</u> -100

Input /Output System



RS232 x2

RJ45 LANx2

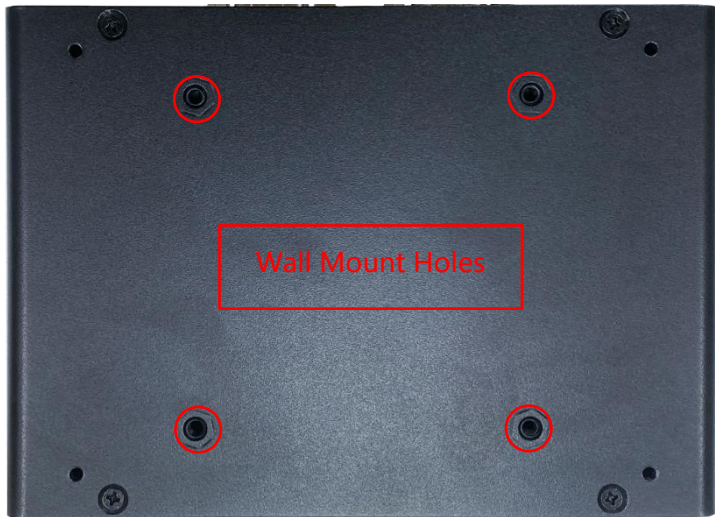
HDMI x2(Output)

USB 3.2 x4



On/Off

DC Power Input



Wall Mount Holes

Wall Mount Bracket (Option)



Cosmetic Inspection Standard

Display Area Allowance			
Defect description	Defective Specifications	Allowance	Remarks
Dot Defect (including dark dot, particles, bubbles, pits, dust, foreign matter)	$D \leq 0.2\text{mm}$	Ignored	D=Diameter
	$0.2 < D \leq 0.7\text{mm}$	$N \leq 5$	N=Quantity
	$0.7 < D \leq 1\text{mm}$	$N \leq 3$	
	$D > 1\text{mm}$	$N \leq 0$	
Linear Defect (including scratches, fluff, particles)	$W \leq 0.15\text{mm}$	Ignored	W=Width
	$0.15 < W \leq 0.5\text{mm}, L \leq 15\text{mm}$	$N \leq 2$	L=Length
	$W > 0.5\text{mm}$ or $L > 15\text{mm}$	NG	

Physical Specifications

Dimension	161x115x60(±2)mm	Net Weight	≤1.1 KG
VESA Mounting	75x75 mm	Gross Weight	

