

Product Specifications

Customer	
Model Name	NTWB513 V100
Model Number	NTWB513-SI<u>XXXXXX</u>-<u>XXX</u>-100

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



Records of Revision			
Vision	Modifying	Old Description	New Description
v2412.1	Preliminary Specification		

Features

- ★ Intel® 13th Generation Core i Series CPU
- ★ DDR4 8G RAM, Max to 32G
- ★ GbE LAN Port x2
- ★ 128G SSD, Max to 1T
- ★ HDMI Output x1, DP output x1
- ★ Realtek Audio HAD Codec,
- ★ RS485 Port x1, RS232 Port x6
- ★ USB 3.0 x6
- ★ Metal Cabinet
- ★ Made in Taiwan, 3 Years Warranty



ISO9001



System Specifications

CPU	Intel® Core i U Series Processor
Memory	DDR4 SO-DIMM, Max. Capacity 32G
Network	2 * Intel® GbE LAN Chip (10/100/1000 Mbps, RJ45)
Storage	SATA3.0 7P Connector (With 1 * SATA Power Wafer)x1 M.2 Key-M Slot (PCIe x4/ SATA, Default PCIE 4x, Support PCIe x4 NVMe, 2280) x1
Video Output	Intel® UHD Graphics (for i3 CPU) Intel® Iris Xe Graphics (for i3/i5 CPU) HDMI output x1, Max. Resolution 2048x1080 @60Hz DP output x1, Max. Resolution 4096x2304 @60Hz
Sound Chip	Realtek Audio HAD Codec
Rear I/O	HDMI x1, DP x1 RJ45 LAN Ports x2 USB 3.0 x6 RS485 x1, RS232 x6 Line-Out + MIC 2in1 3.5mm Jack x1
Operating Temp.	0~60°C
Storage Temp.	-20~75°C
Power Input	12VDC-in

System Options

CPU		
	Item	Model Name
Standard	Core i3-1315U	NTWB513-SI31XXX-XXX-100
Option 1	Core i5-1335U	NTWB513-SI51XXX-XXX-100
Option 2	Core i7-1355U	NTWB513-SI71XXX-XXX-100

System Options (Continued)

Memory		
	Item	Model Name
Standard	DDR4 SO-DIMM 8G	NTWB513-SIXX<u>8</u>XX-XXX-100
Option 1	DDR4 SO-DIMM 16G	NTWB513-SIXX <u>A</u> XX-XXX-100
Option 2	DDR4 SO-DIMM 32G	NTWB513-SIXX <u>B</u> XX-XXX-100
Option 3	DDR4 SO-DIMM 64G	NTWB513-SIXX <u>C</u> XX-XXX-100

Storage		
	Item	Model Name
Standard	SSD 128G	NTWB513-SIXXX<u>S1</u>-XXX-100
Option 1	SSD 256G	NTWB513-SIXXX <u>S2</u> -XXX-100
Option 2	SSD 512G	NTWB513-SIXXX <u>S3</u> -XXX-100
Option 3	SSD 1T	NTWB513-SIXXX <u>S4</u> -XXX-100

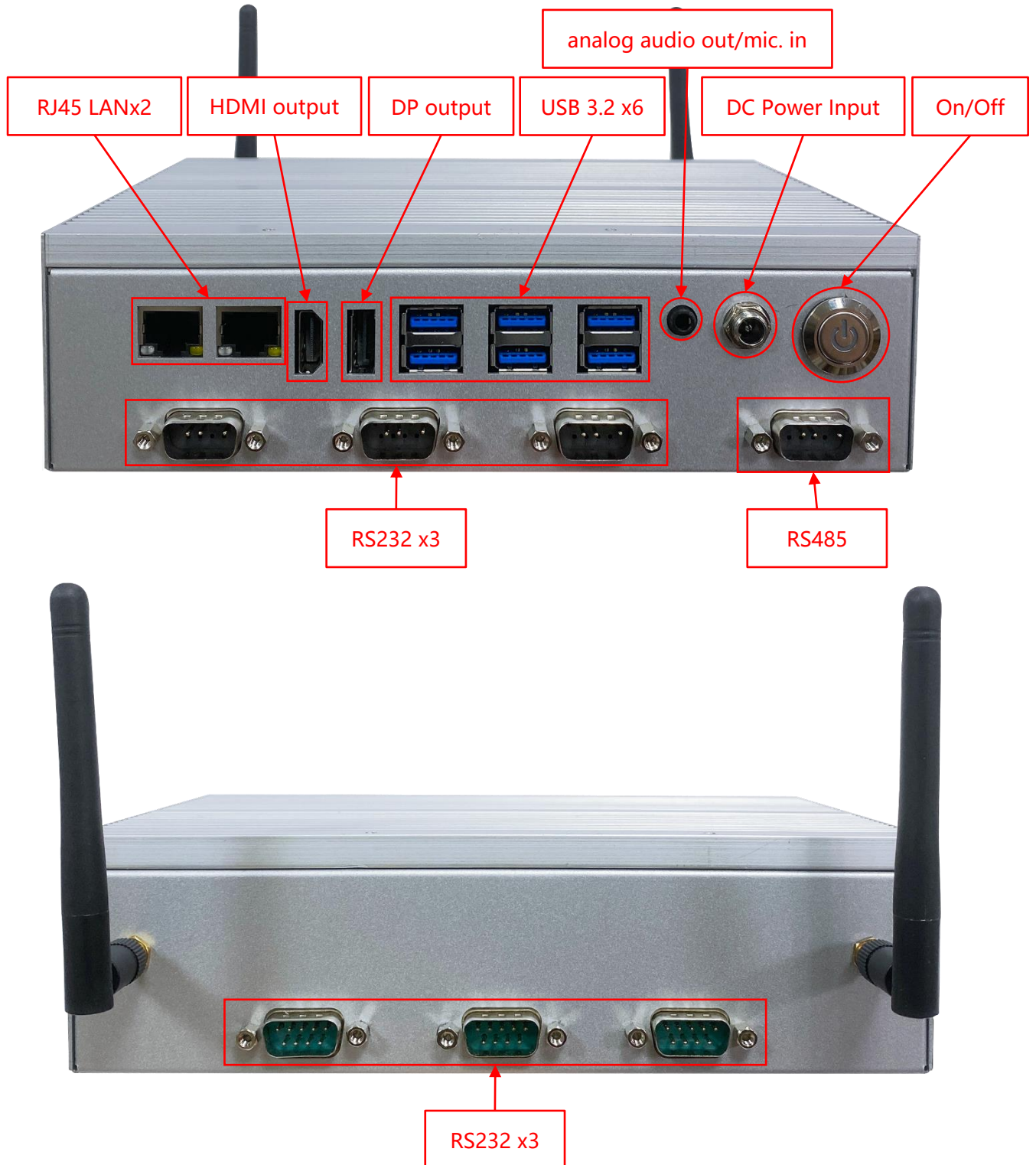
Material of Cabinet		
	Description	Model Name
Standard	SECC	NTWB513-SIXXXXXX-<u>S</u>XX-100
Option 1	Stainless Steel	NTWB513-SIXXXXXX- <u>L</u> XX-100
Option 2	Aluminum	NTWB513-SIXXXXXX- <u>A</u> XX-100

Color of Cabinet		
	Description	Model Name
Standard	Silver	NTWB513-SIXXXXXX-<u>X</u>SX-100
Option 1	White	NTWB513-SIXXXXXX- <u>X</u> WX-100
Option 2	Black	NTWB513-SIXXXXXX- <u>X</u> BX-100
Options	Other Colors	NTWB513-SIXXXXXX- <u>X</u> OX-100

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

Wireless Network		
	Description	Model Name
Standard	N/A	NTWB513-SIXXXXXX-<u>XX0</u>-100
Option	WIFI 4.0+BlueTooth	NTWB513-SIXXXXXX- <u>XXW</u> -100

Input /Output System



Side 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	202x130x60(±2)mm	Net Weight	≤1.5 KG
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