

APPENDIX A

DOT PRODUCT HARDWARE SPECIFICATION

Hardware Specifications	Tactile Display	300 cells
	Braille Display	20 cells
	Protective Skin	Graphics area (300 cells) / Text area (20 cells)
	Processor	ARM Cortex-M4 32-Bit 120MHz
	RAM	64 Kbyte
	Flash Memory	128 Kbyte
	External Memory Support	None
	Wireless Connection	Bluetooth LE V5.0
	Sensor	None
	Camera	None
Exterior Specifications	Size (length x width x height, mm)	273.6(L) x 228.5(W) x 16.3(H)
	Weight (g)	1,200 g
Keyboard and buttons	Function Keys	Function Key 4ea
	Panning Key	Left, Right
	Power Switch	Power ON/OFF 1ea
	Keyboard	None
USB interface	USB-C (left)	Data
	USB-C (right)	Power and Charging
Audio and video interface	Speaker	None
	Microphone	None
	HDMI Video Output	None
Temperature	Operating Temperature	0°C ~ +50°C
	Storage Temperature	-20°C ~ +60°C
Charging and battery	Battery	LI_ION, INR18650 35E, 10.05A, 36.18W[1S3P]
	Charge	DC 5V 3A

DOT PRODUCT SOFTWARE SPECIFICATION

Communication (Bluetooth)	Specification	Bluetooth V5.0 (LE up to 10Kbps)
	Output Power	0 dBm
	Data rate	10 kbps
	Profile	GAP, GATT, SM, L2CAP and Integrated Public Profiles
	Sensitivity	-90 dBm
	Frequency Band	2.402GHz ~ 2.480GHz