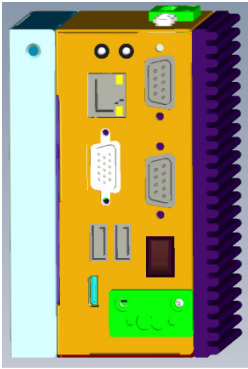


TKS-P20-CV01

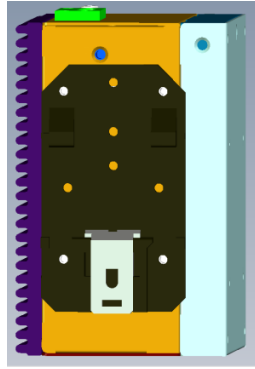
DIN RAIL Embox TKS-P20-CV01 for Intel® Atom N2600 Processor

Preliminary

Front View



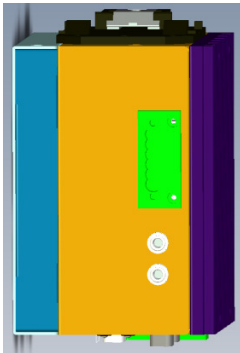
Rear View



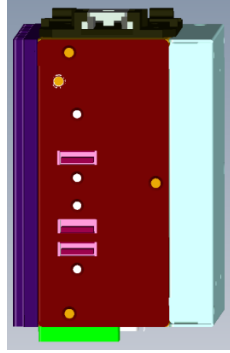
Features

- Intel® Atom N2600 Processor up to 1.6GHz
- SODIMM DDR3 800MHz Memory up to 2 GB
- DIN RAIL and Fanless system
- HDMI and VGA Support
- Gigabit Ethernet x 1
- USB2.0x 5, COMx 2, 4-bits Digital I/O
- mSATA or Mini Card(Half size) x 1, SATA 2x1
- 2.5" HDD box x1
- +12V or +15~+30V input Operation

Top View



Bottom View



Bottom I/O	USB Host	USB 2.0 x 3
	Others	Ground pin
Expansion	Mimi PCIe	Mini Card half size(or mSATA)
Indicator	Front	Power LED x 1, Hard Disk Drive active LED x 1
Power Requirement		DC-in +12V ATX or DC-in +15~30V ATX
Power Consumption (Typical)		Intel® Atom™ N2600 1.6GHz , DDR3 800 2G 1.5A@+12V
System Cooling		Fanless

Mechanical		
Mounting		Wallmount, DIN RAIL (Option)
Dimension		4.7" x 2.3"x 4.3"(120mm x 59.5mmx 110mm) 4.7" x 3.0"x 4.3"(120mm x 76.5mmx 110mm) w/HDD box
Gross Weight		TBD lb (TBD Kg)
Net Weight		TBD lb (TBD Kg)
Certification	EMC	CE/FCC(Pre-Scan)
Environmental		
Operation Temperature		32°F ~ 131°F(0°C ~ 55°C)
Storage Temperature		-40 °F ~ 176 °F (-40 °C ~ 80 °C)
Operation Humidity		0% ~ 90% relative humidity, non-condensing
Anti-Vibration		2g rms / 5 ~ 500Hz / operation – mSATA 1g rms / 5 ~ 500Hz / operation – SSD HDD
Anti-Shock		20g peak acceleration (11 msec. duration) – mSATA
MTBF		TBD
OS support		Windows® XP Embedded, Windows® XP, Windows® 7, Linux Fedora

Specifications

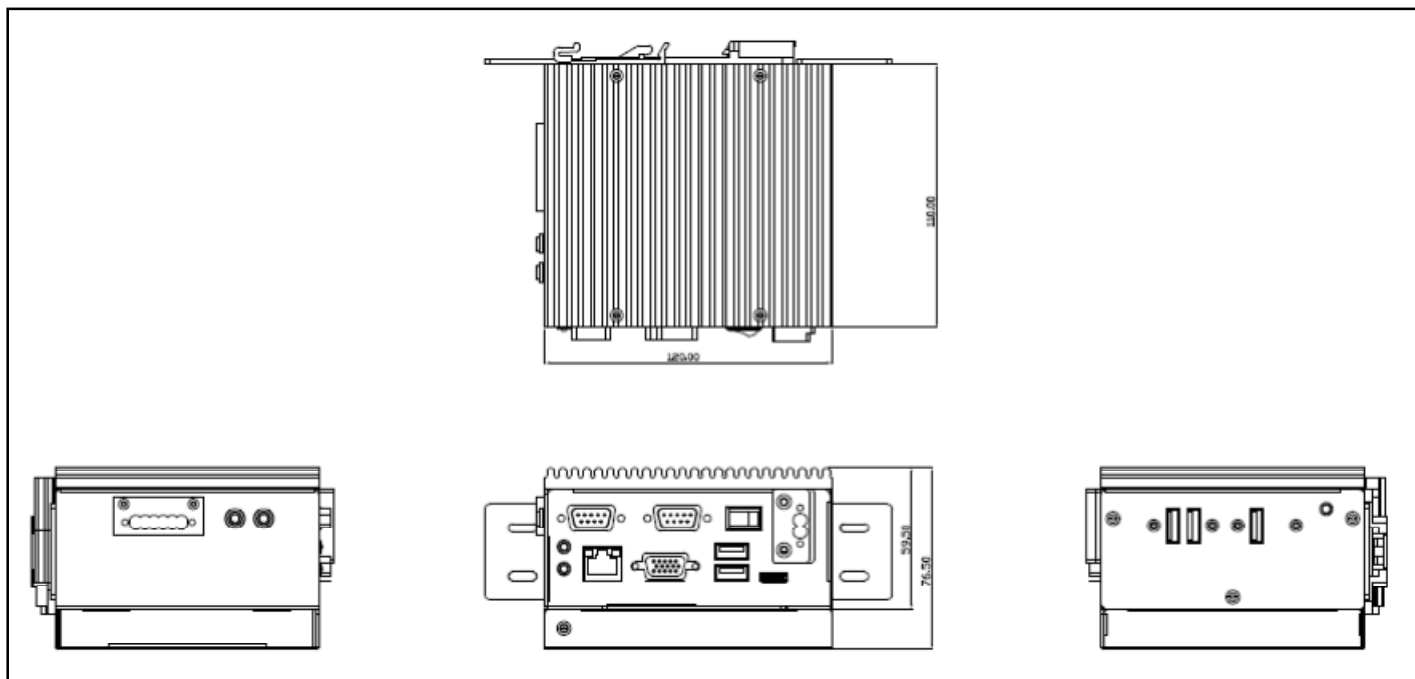
System		
Processor		Intel® Atom™ N2600 Processor up to 1.6 GHz
Chipset		Intel® Atom™ N2600 + NM10
System Memory		SODIMM DDR3 800MHz up to 2 GB
Display Interface	VGA	DB-15 x1
	HDMI	HDMI type C (Mini-HDMI) x1
Storage Device	SSD	mSATA x1 (half size)
	HDD	2.5" SATA HDD box x 1
Ethernet	LAN	Gigabit Ethernet, RJ-45 x 1
	Wireless	Optional by Mini Card
Front I/O	USB Host	USB 2.0 x 2
	LAN	Gigabit Ethernet, RJ-45 x 1
	Serial Port	RS-232 x1 , RS-232/RS-424/RS-485 x1
	Others	Power & HDD indicator LED x2, Power Switch, DC-in
Top I/O	DIO	DIO 4 bits with VCC and Ground pin
	Audio	MIC-in/ Line out

TKS-P20-CV01

DIN RAIL Embox TKS-P20-CV01 for Intel® Atom N2600 Processor

Preliminary

Dimension Unit: mm



Packing List

- Product CD
- TKS-P20-CV01

Optional Accessories

- 1702031802: Power Cord (US Type)
- 1702031803: Power Cord (European Type)
- 170203180E: Power Cord (Japanese Type)
- 9741681003: DIN Rail mounting Kit
- TBD :Wallmount kit
- 1757904002: 40W AC Adapter

Ordering Information

Part Number	CPU	RAM	Cooler	Storage	Display	LAN	USB	RS-232	RS-232/422/485	DIO	Expansion Slot	Mounting	Power
TBD	Atom N2600	SODIMM DDR3	Fanless	mSATA, 2.5" HDD	HDMI, VGA	1	5	1	1	4 bits	Mini Card or mSATA	Wallmount/ DIN Rail	12Vdc ATX, or 15-30V, ATX