

Specifications

System	
Form Factor	PC/104
Processor	Intel® Atom™ N2600 1.6GHz Processor
System Memory	DDR3 1066MHz SODIMM x 1, Max. 2 GB
Chipset	Intel® Atom™ N2600 + NM10
I/O Chipset	FinTech F81866D
Ethernet	Intel® WG82583, 10/100/1000Base-TX, RJ-45 x 1
BIOS	AMI BIOS – 32MB ROM
Wake on LAN	Yes
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Vcore, +3.3V, +5V, +12V, +1.5V_DDR
Expansion Interface	PC/104+, mSATA/ Mini Card (for Half size)
Battery	Lithium battery
Power Requirement	+12V, AT/ATX
Power Consumption (Typical)	—
Board Size	3.55" x 3.77" (90mm x 96mm)
Gross Weight	0.35 lb (0.16 kg)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C), -4°F ~ 158°F (-20°C ~ 70°C) for WiTAS1
Storage Temperature	-40°F ~ -176°F (-40°C ~ 80°C)
Operating Humidity	0%~90% relative humidity, non-condensing
MTBF (Hours)	—
Display	
Supports CRT/LCD simultaneous/dual view displays	
Chipset	Intel® Atom™ N2600 Processor integrated
Resolutions	Up to 1920 x 1200 for CRT Up to 1920 x 1200 for DVI Up to 1336 x 768 for LVDS
LCD Interface	18-bit, single channel LVDS
I/O	
Storage	SATA 3.0Gb/s x 1, mSATA x 1
Serial Port	RS-232 x 3, RS-232/422/485 x 1
Universal Serial Bus	USB 2.0 x 4
Digital I/O	8-bit Digital I/O (Programmable)
Audio (Daughter Board)	Buzzer

Features

- Intel® Atom™ N2600 Dual Core 1.6GHz Processor
- Intel® Atom™ N2600 + NM10
- 204-pin DDR3 1066MHz SODIMM x 1, Max 2GB
- 10/100/1000Base-TX Ethernet x 1
- CRT, 18-bit Single Channel LVDS LCD
- SATA 3.0Gb/s x 1
- USB2.0 x 4, COM x 4
- PC/104+ Socket, Half-Size mSATA x 1/ Mini Card (Optional)
- +12V Only Operation



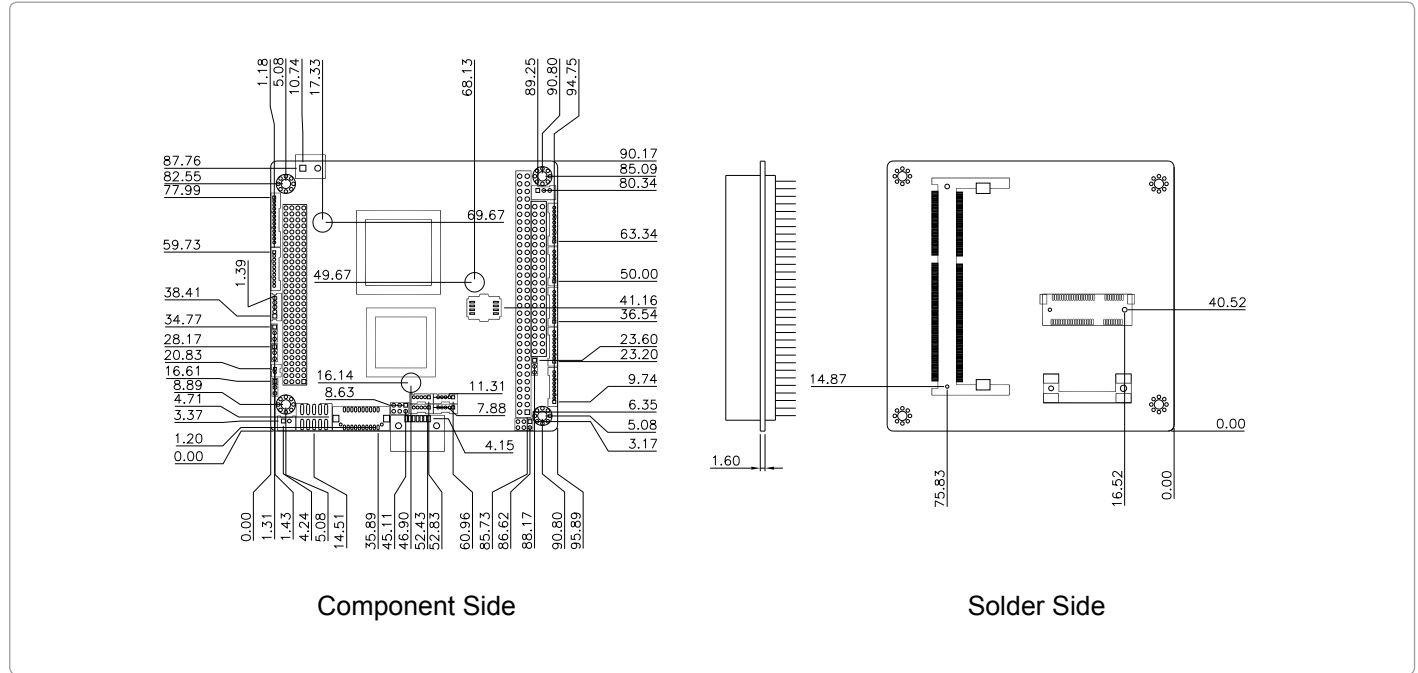
Packing List

- 9657666600
Jumper Cap
- Product CD
- PFM-CVS w/Heatsink

PFM-CVS

Dimension

Unit: mm



Ordering Information

Part Number	CPU	RAM	Fan/ Fanless	Storage	Display	LVDS	LAN	USB	RS-232	RS-232/422/485	Parallel	Expansion Slot	Power	Temp.
TF-PFM-CVS-A10	Intel® Atom™ N2600	SODIMM	Fanless	SATA x 1, mSATA x 1	CRT + LVDS	18b, 1CH	GbE x 1	4	3	1	—	PC/104+, mSATA (half size)	+12V/ AT/ATX	0°C ~ 60°C
TF-PFM-CVS-A10-01	Intel® Atom™ N2600	SODIMM	Fanless	SATA x 1, Mini Card x 1	CRT + LVDS	18b, 1CH	GbE x 1	4	3	1	—	PC/104+, Mini Card (half size)	+12V/ AT/ATX	0°C ~ 60°C
TF-PFM-CVSW1-A10	Intel® Atom™ N2600	SODIMM	Fanless	SATA x 1, mSATA x 1	CRT + LVDS	18b, 1CH	GbE x 1	4	3	1	—	PC/104+, mSATA (half size)	+12V/ AT/ATX	WITAS1 (-20°C ~ 70°C)
TF-PFM-CVSW1-A10-01	Intel® Atom™ N2600	SODIMM	Fanless	SATA x 1, Mini Card x 1	CRT + LVDS	18b, 1CH	GbE x 1	4	3	1	—	PC/104+, Mini Card (half size)	+12V/ AT/ATX	WITAS1 (-20°C ~ 70°C)

Optional Accessories

- **1702002010**
Power Input Cable, Length 10cm
- **1709150151**
CRT Cable, Length 15cm
- **1701010150**
DIO Cable, Length 15cm
- **1705050153**
LVDS inverter Cable, Length 15cm
- **1700100201**
LAN Cable, Length 20cm
- **1700050207**
USB Cable, Length 20cm
- **1701090150**
COM Cable, Length 15cm
- **1701010150**
Front Panel Cable, Length 15cm
- **1709070200**
SATA Cable, Length 12 cm
- **1702150121**
SATA Power Cable Length 12 cm