



Industrial Wide-Temperature SFF Workstation



ABOUT CRI

CRI is a trusted leader in rugged electronics design and manufacturing, specializing in commercial-off-the-shelf (COTS) electronics products ruggedized to operate reliably in extreme environments. CRI rugged products are custom designed to preserve the full system integrity and functionality of the COTS equipment in a rugged and reliable form factor. Our quick reaction capability, in-house design engineers and manufacturing coupled with our ISO 9001:2008, AS9100C, AS9120A Quality Management System ensures our customers receive state-of-the-art rugged COTS technology...On Time...Every Time....No Compromise.

Our experienced staff of engineers, ensure that our systems satisfy our customer's requirements providing top quality, reliability and uncompromising service from CONCEPT to COMPLETION leading to total customer satisfaction.

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Rugged Products for a Rugged World™



Specifications as shown

Custom configurations available



Processor System	CPU	(32nm) Intel Atom N2600
	Max. Speed	1.6 GHz (Dual core)
	L2 Cache	1MB
	Chipset	NM10
	BIOS	AMI 16Mbit SPI
Expansion Slot	PCI	32-bit/33 MHz, 1 slot
	Mini-PCIe	1
	PCIe	0
Memory	Technology	Single channel DDR3 1066 MHz SDRAM
	Capacity	4 GB
	Installed	4GB
Graphics	Controller	Embedded Gen3.5+ GFX Core, 400/640 MHz render clock frequency for N2600
	VRAM	Shared system memory up to 224 MB SDRAM
	VGA	Supports up to SXGA 1920 x 1200 @ 60 MHz
	LVDS	Supports Dual Channel 48-bit: Max. resolution up to 1600 x 1200 (N2600). co-lay eDP port (optional) LVDS2 Support 24-bit single channel up to 1400 x 800 on D2550; 18-bit single channel up to 1366 x 768 on N2600
	HDMI	Supports up to 1920 x 1200 @ 60 MHz
	Dual Display	VGA+HDMI, VGA+LVDS, VGA+eDP (optional), Supports extended mode and clone mode
Ethernet	Interface	10/100/1000 Mbps
	Controller	GbE LAN1: Intel 82574L/82583V co-lay GbE LAN2: Intel 82583V
	Connector	RJ-45 x 2
SATA	Max Data Transfer Rate	300 MB/s (SATA 2.0)
	Channel	2
SSD	SATA	16 GB installed
Rear I/O	VGA	1
	HDMI	1
	Ethernet	2
	USB	4 (USB 2.0)
	Audio	3 (Mic-in, Line-out, Line-in)
	Serial	2 (1 of RS-232, 1 of RS-232/422/485)
	KB/MS	1
	DC jack	1 (2.5 mm)
Internal Connector	LVDS & Inverter	2
	eDP	1 (optional, by removing LVDS1)
	USB	2 (USB 2.0)
	Serial	4 (RS-232), only COM6 supply 5V/12V
	IDE	None
	SATA	2 (SATA 2.0)
	SATA	PWR Connector 2
	CFast	1
	Parallel	None
DIO	8-bit GPIO	
Watchdog Timer	Output	System reset
	Interval	Programmable 1 ~ 255 sec/min
Power	Power Type	Single voltage 12V DC input; 1 x External DC jack; 1 x Internal 4-pin (2x2) power connector; Supports AT/ATX mode via brick
	Typical Power Consumption Windows IDOL:	17.8 W (Intel N2600 1.6 GHz processor/DDR3 1333 MHz 4 GB)
Environment	Operating	Non-Operating
	-20 ~ 70° C (32 ~ 140° F)	-40 ~ 85° C (-40 ~ 185° F)