



## Specifications

CPU	DM&P SoC CPU Vortex86DX3 – 1GHz L1:32K I-Cache, 32K D-Cache L2: 512KB Cache		
RAM	1/2GB DDR3 Onboard		
BIOS	AMI BIOS		
Display	Integrated 2D VGA chip with Dual Display Support (VGA + LVDS) VGA: Maximum resolution up to 1920 x 1080 @60Hz LVDS: Maximum resolution up to 1024x 768 @60Hz, single channel 24-bit LVDS		
LAN	Integrated 10/100Mbps Ethernet x1	Realtek 8111F Giga Ethernet x2	
Audio	MIC-in x1	Line-out x1	
Disk Support	SATA DOM/2.5" SATA HDD	Micro SD	
I/O Interface	RS232 x3 8-bit GPIO x1 (Optional)	USB (ver. 2.0) x4 CAN Bus x1 (Optional)	8-bit Isolated GPIO x1 Mini PCIe x1 (USB + RS232 signal supported)
Connectors	9-pin D-Sub male connector for RS232 x3 9-pin D-Sub male connector for VGA x1 5mm 3-pin terminal block for DC-in x1 3.5mm jack for Line-out x1 Mini PCIe slot x1	RJ45 connector for Ethernet x1 RJ45 connector for Giga Ethernet x2 3.5mm jack for MIC-in x1 USB connector x4	15-pin D-Sub male connector for GPIO x1 (Optional) 15-pin D-Sub male connector for CAN Bus x1 (Optional) 3.5mm 18-pin terminal block for isolated GPIO x1 Power switch x1
Power Requirement	12 to 24 VDC		
Operating Temperature	-20°C to +70°C		
Dimension	152 x 104 x 54mm		
Weight	760g		
Certifications	CE, FCC, VCCI		

## Ordering Information

PART NO.	CPU	DRAM (DDR3)	Disk Support	Display	LAN/GigaLAN	RS232/USB	Isolated GPIO	GPIO	Audio	CAN Bus (Optional)	2.5" SATA HDD
iBPC-D3-74GE	1GHz	1GB	SATA DOM	VGA	1/2	3/4	8	8	Line-Out MIC-In	---	Support
			Micro SD	LVDS							
iBPC-D3-75GE	1GHz	2GB	SATA DOM	VGA	1/2	3/4	8	8	Line-Out MIC-In	---	Support
			Micro SD	LVDS							
iBPC-D3-74CE	1GHz	1GB	SATA DOM	VGA	1/2	3/4	8	---	Line-Out MIC-In	1	Support
			Micro SD	LVDS							
iBPC-D3-75CE	1GHz	2GB	SATA DOM	VGA	1/2	3/4	8	---	Line-Out MIC-In	1	Support
			Micro SD	LVDS							
iBPC-D3-74FE	1GHz	1GB	SATA DOM	VGA	1/2	3/4	8	8	Line-Out MIC-In	1	---
			Micro SD	LVDS							
iBPC-D3-75FE	1GHz	2GB	SATA DOM	VGA	1/2	3/4	8	8	Line-Out MIC-In	1	---
			Micro SD	LVDS							

\*SATA DoM support is set as default. If 2.5" SATA HDD support is required, please contact ICOP.