

dfi tech



R100

R110

R120



MULTI-FUNCTION SERIES

R100, R110, R120 Multifunction Systems

	R100, R110, R120 435	R100, R110, R120 436	R100, R110, R120 480	R100, R110, R120 485	R100, R110, R120 495
Enclosure	Galvanized Steel Frame Construction				
Main Board	DFI-ACP NP101-D16C	DFI-ACP NP100-N16C	DFI-ACP G5C100-N	DFI-ACP SR100-N	DFI-ACP CA100-D
Processor Type	Intel Atom N270	Intel Atom N270	Intel® Celeron® M, Core™ Solo, Core™ Duo, Core™ 2 Duo (Mobile type)	Intel® Core™® 2 Duo (Mobile type)	Intel® Core™® 2 Duo (Mobile type)
Processor FSB	533	533	533 / 667	533 / 800	677/800/1066
Main Chipsets	Intel 945GSE + ICH7M + GMA 950	Intel 945GSE + ICH7M + GMA 950	Intel 945GME + ICH7M + GMA950	Intel GME 965 + ICH8M + GMA X3100	Intel GM 45 + ICH9M + GMA 4500
System Memory	up to 2GB	up to 2GB	up to 4GB	up to 4GB	up to 8GB
PCI Slot	R100: none, R110: One Full-height, Half-length PCI Card, R120: Two Full-height, Half-length PCI Cards				
HDD and Optical Drive Bays	1 Desktop-type HDD alone, or 1 Notebook-type HDD and 1 Notebook-type Optical Drive or Compact Flash Drive Kit, or 2 Notebook-type HDDs with Optional Shockmount Bracket/Kit				
PS/2 Keyboard & Mouse Ports	1 pair				
DB-9 Serial Port	2	4	3	2	2
Video Port	1x DB-15	1x DB-15 + 1x DVI-D	1x DB-15	1x DB-15 + 1x DVI-D	1x DB-15 + 1x DVI-D
RJ45 LAN Port	2x (10/100/1000)	2x (10/100/1000)	2x (10/100/1000)	2x (10/100/1000)	2x (10/100/1000)
USB Ports	6	6	6	6	8
Audio Jacks	3	3	3	3	3
Internal CF Card Slot	0	1	1	0	0
Dimension (W x H x D)	R100 System: 8.80" x 3.50" x 8.00" (223.5 x 88.9 x 203.2 mm) R110 System: 8.80" x 4.35" x 8.00" (223.5 x 110.4 x 203.2 mm) R120 System: 8.80" x 5.16" x 8.00" (223.5 x 131.0 x 203.2 mm) These are nominal sizes - Allow additional space all-around for screws, side brackets, connectors and ventilation				
Weight	7.8 lbs to 11.0 lbs depending on configuration				
Standard AC Power	DC 12V only	Internal auto-110/220V 180W ATX-type power supply with power factor correction & noise killer feature.			
Optional DC Power	12V	20V / 24V	20V / 24V	20V / 24V	20V / 24V
Ventilation	One 80 mm enclosure fans				
Mounting Option	Removable side/bolt-down bracket - shipped as standard equipment.				
Operating Temperature	0°C - 60°C (32°F - 140°F), 10% - 90% RH. Note: The operating temperature is limited by the processor's specs.				