

CLINIC-BPC B-101



MEDICAL BOX PC

- ▶ optimized for easy installation and cabling
- ▶ no patient disturbance enabled by a fanless, silent design
- ▶ easy cabling by Ethernet daisy chain
- ▶ medical isolation on 3x LAN
- ▶ patient monitoring and EHR (Electronic Health Record) access by dual monitor



CLINIC-BPC B-101

MEDICAL BOX PC – OPTIMIZED FOR EASY INSTALLATION AND CABLING

Kontron's Clinic-BPC B-101 has three medically isolated LAN ports and optional isolated RS232 interfaces, as well as two independent external monitor outputs (DVI-I and DVI-D) to display electronic patient files and vital patient data simultaneously. Low maintenance is assured due to nonrotating drives, energy-efficient parts, such as mobile Intel® Core™ processors, long-lasting hardware and dust-free housing design. With its integrated Ethernet switch, this clinical box PC can be connected in

sequence (daisy chaining) for reducing the cabling in any patient's room. A silent and fast SSD, 4 to 16 GB of DDR3 and four USB 3.0 ports complement the system's feature set. While being easy to clean and disinfect, the robust and highly durable plastic case is resistant to cleaning detergents as well as scratch- and corrosion-proof. A further option available for OEM customers is to have their own logo imprinted on the casing.

TECHNICAL INFORMATION

PRODUCT LINE	Clinic-BPC
PROCESSORS	3rd Generation Mobile Intel® Core™ i5-3610ME dual core (others on request)
CHIPSET/PCH	Intel® QM77
GRAPHICS	Intel® HD 4000
MEMORY	Max. 16 GB DDR3 RAM
INTERFACES	1x LAN 10/100/1000 with medical reinforced isolation 2x LAN 10/100 (via switch) with medical reinforced isolation 4x USB 3.0 2x DVI (DVI-I + DVI-D) Stereo audio: line in/out, mic., speaker optional 3x RS232 RJ45 medical isolated or optional 2x RS232 Dsub9 + PCIe/mSATA MiniCard
STORAGE DRIVERS	2.5" SATA III SSD/HDD, optional mSATA
EXPANSIONS	PCIe x1, SATA II, TTL I/Os, USB 2.0 (optional interfaces on proprietary expansion header)
POWER	110-240VAC, 50/60Hz (medical)
DIMENSION (HxWxD)	305 x 360 x 79 mm
WEIGHT	4.5 kg
MOUNTING	Wall Mount VESA 75 / 100 (I/Os down)
CHASSIS	Plastic Housing (customer logo option), medical white, detergent resistant
COOLING	Fanless (vertical usage)
TEMPERATURE	Operating: 0°C to +35°C Storage: -20°C to +60°C
HUMIDITY	Operating: 15 to 95 % @ 40°C not condensing Storage: 5 to 95 % @ 40°C not condensing
APPROVALS	CE, cULus listed, FCC CB Certification acc. IEC60950-1, isolated circuits and touch current limitation for IEC60601
ALTITUDE	0-3000m
MTBF	~ 50.000 h
VERIFIED OS	Windows 7 Ultimate or WES7

CORPORATE OFFICES

EUROPE, MIDDLE EAST & AFRICA

Lise-Meitner-Str. 3-5
86156 Augsburg
Germany
Tel.: + 49 821 4086 0
Fax: + 49 821 4086 111
info@kontron.com

NORTH AMERICA

14118 Stowe Drive
Poway, CA 92064-7147
USA
Tel.: + 1 888 294 4558
Fax: + 1 858 677 0898
info@us.kontron.com

ASIA PACIFIC

1-2F, 10 Building, No. 8 Liangshuihe 2nd Street,
Economical & Technological Development Zone,
Beijing, 100176, P.R.China
Tel.: +86 10 63751188
Fax: +86 10 83682438
info@kontron.cn