



	R-3600 Series (Single radio)	R-7600 Series (Single radio)	R-7900 Series (Dual radio/xDSL)	R-2700 Series (Dual radio)	R-3700 Series (Dual radio)	R-4700 Series (Dual radio/xDSL)	R-7700 Series (Dual radio/xDSL)
(W)WAN	1 radio module (2G/4G, 2G/3G/4G, 4G/LTE450, CDMA450), ETH	1 radio module (2G/4G, 2G/3G/4G, 4G/LTE450, CDMA450), ETH	up to 2 radio modules (2G/4G, 2G/3G/4G, 4G/LTE450, CDMA450), ETH, xDSL (ADSL2+ Annex A, B, J, VDSL2, PTM/ATM, Vectoring)	up to 2 radio modules (2G/4G, 2G/3G/4G, 4G/LTE450, CDMA450), ETH, LWL, WLAN	up to 2 radio modules (2G/4G, 2G/3G, 2G/3G/4G, 4G/LTE450, CDMA450), ETH, WLAN	up to 2 radio modules (2G/4G, 2G/3G/4G, 4G/LTE450, CDMA450), ETH, WLAN, project based also xDSL	up to 2 radio modules (2G/4G, 2G/3G/4G, 4G/LTE450, CDMA450), ETH, WLAN, LWL, xDSL (ADSL2+ Annex A, B, J, VDSL2, PTM/ATM, Vectoring)
WLAN				1 WiFi module (802.11ac a/b/g/n)	1 WiFi module (802.11ac a/b/g/n)	Up to 2 WiFi modules (802.11ac a/b/g/n)	1 WiFi module (802.11ac a/b/g/n)
LAN Ports	2x Eth 10/100Base-T	2x Eth 10/100Base-T	5x Eth 10/100Base-T	2x Eth 10/100/1000Base-T add. 1x Eth (opt.)	2x Eth 10/100/1000Base-T	2x Eth 10/100/1000Base-T	2x Eth 10/100/1000Base-T add. 1x Eth (opt.)
SFP-Ports	-	-	-	1x SFP 1000Base-X (opt.)	-	-	1x SFP 1000Base-X (opt.)
Digital I/O	-	1x Input / 1x Output (opt.)	1x Input / 1x Output (opt.)	-	-	-	1x Input / 1x Output (opt.)
Consol Port	1x RS-232 (1x RJ45)	1x RS-232 (1x RJ45)	1x RS-232 (1x RJ45)	1x RS-232 (1x RJ45)	1x RS-232 (1x RJ45)	1x RS-232 (1x RJ45)	1x RS-232 (1x RJ45)
Serial Port	1x RS-485 (on Consol Port)	1x RS-485 (on Consol Port) 1x RS-232 (1x D-Sub 9) (opt.)	1x RS-485 (2 pin PCB clamp) 1x RS-232 (1x D-Sub 9) (opt.)	1x RS-485 (on Consol Port)	1x RS-485 (on Consol Port)	1x RS-485 (on Consol Port)	1x RS-485 (on Consol Port) 1x RS-232 (1x D-Sub 9) (opt.)
Environment	Op.-Temp.: -25°C/+75°C IP42 IEC 61000-6-2 (EMI)	Op.-Temp.: -25°C/+75°C IP40 IEC 61000-6-2 (EMI)	Op.-Temp.: -25°C/+75°C IP40 IEC 61000-6-2 (EMI)	Op.-Temp.: -40°C/+75°C IP42 IEC 61850-3 (EMI)	Op.-Temp.: -40°C/+75°C IP42 IEC 61850-3 (EMI) ECE Type approval (E24)	Op.-Temp.: -35°C/+70°C IP42 IEC 61000-6-2 (EMI) ECE Type approval (E24)	Op.-Temp.: -40°C/+75°C IP40 IEC 61850-3 (EMI)
Power	12-24 VDC / ca. 2-5W	12-24 VDC / ca. 2-5W	12-24 VDC / ca. 2-7W	12-60 VDC / ca. 4-12W	12-60 VDC / ca. 4-12W	12-60 VDC / ca. 7-11W	12-60 VDC / ca. 4-15W
CPU/RAM/Flash	528 MHz ARM 256 MB RAM 256MB Flash HW-Watchdog	528 MHz ARM 256 MB RAM 256MB Flash HW-Watchdog	528 MHz ARM 256 MB RAM 256MB Flash HW-Watchdog	800 MHz ARM 256 MB RAM 256MB Flash HW-Watchdog + MC	800 MHz ARM 256 MB RAM 256MB Flash HW-Watchdog + MC	800 MHz ARM 256 MB RAM 256MB Flash HW-Watchdog + MC	800 MHz ARM 256 MB RAM 256MB Flash HW-Watchdog + MC
Dimensions (w/o connectors)	44x105x126mm (WxHxD)	44,5x110x115mm (WxHxD)	44,5x110x115mm (WxHxD) 80,5x111x116mm (WxHxD)	61x122mm (HxD) diameter: 99mm	44x105x126mm (WxHxD)	58x105x126mm (WxHxD)	44,5x110x115mm (WxHxD) 80,5x111x116mm (WxHxD)
Mounting	Integrated DIN rail clip and mounting holes for external DIN rail clip or mounting bracket	Integrated DIN rail clip and mounting holes for external DIN rail clip or mounting bracket	Integrated DIN rail clip and mounting holes for external DIN rail clip or mounting bracket	6 eyelets, each on top and bottom, for fixing with cable straps and mounting holes for external DIN rail clip or mounting bracket	Integrated DIN rail clip, also serves as SIM card cover, and holes for external DIN rail clip or mounting bracket (e.g. for vehicles)	Integrated DIN rail clip, also serves as SIM card cover, and holes for external DIN rail clip or mounting bracket (e.g. for vehicles)	Integrated DIN rail clip and mounting holes for external DIN rail clip or mounting bracket
O/S-Software	Garderos Router Software – GRS	Garderos Router Software – GRS	Garderos Router Software – GRS	Garderos Router Software – GRS	Garderos Router Software – GRS	Garderos Router Software – GRS	Garderos Router Software – GRS